

THE
GEORGE
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UNIVERSITY

CATALOGUE

CONTENTS

Summer Sessions Bulletin 1947

Law School Bulletin 1947-48

Medical School Bulletin 1947-48

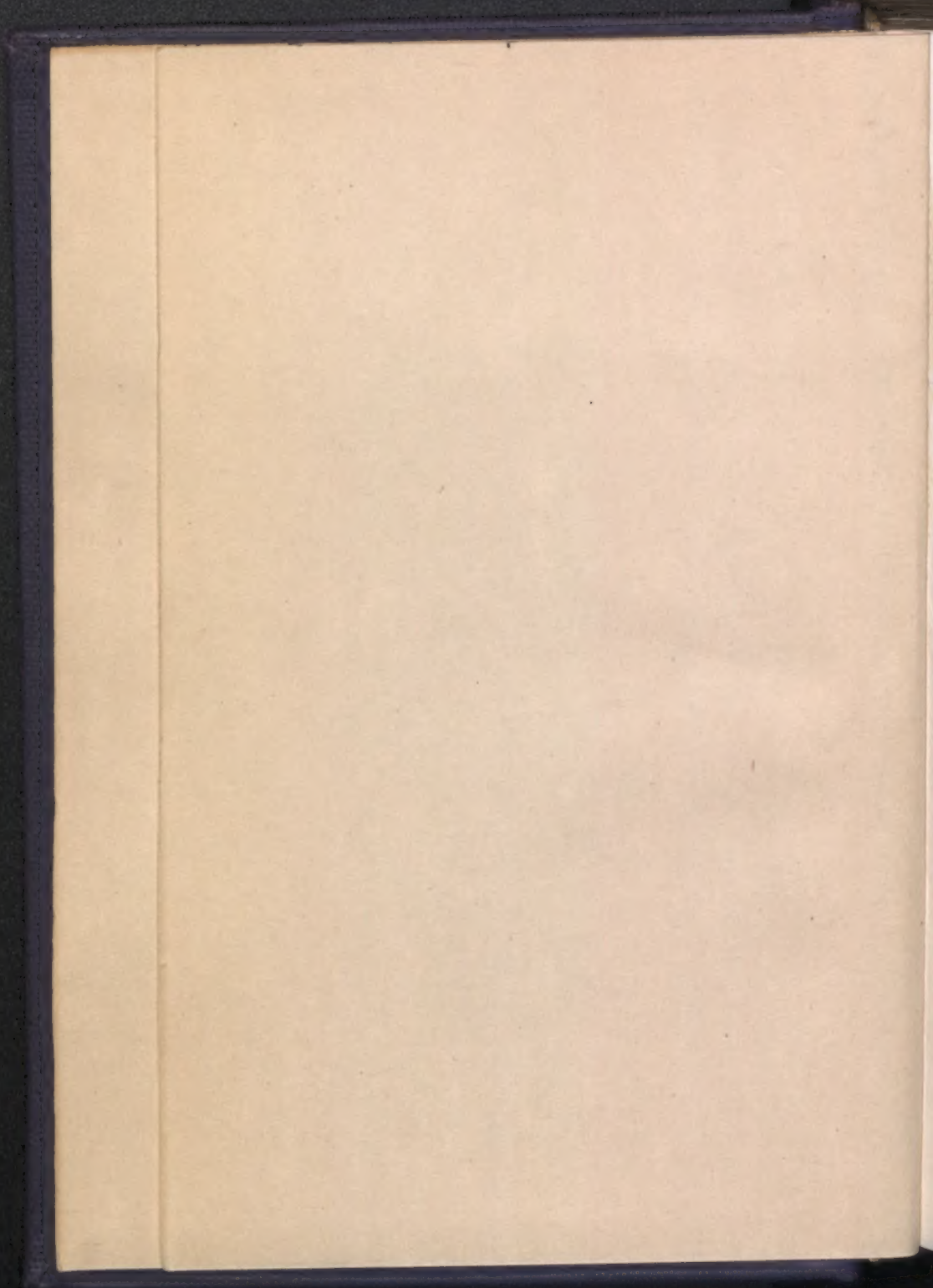
Comptroller's Report 1947

Composite Catalogue 1947-48

Fields of Research 1947-48

The
George Washington University
Library





THE
GEORGE
WASHINGTON
UNIVERSITY
THE SUMMER SESSIONS
BULLETIN
1947

THE SUMMER SESSIONS

WASHINGTON, D. C.

PUBLISHED IN FEBRUARY
MCMXLVII

THE UNIVERSITY

THE SUMMER SESSIONS

1947

THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

VOL. XLVI

No. I

THE SUMMER SESSIONS

WASHINGTON, D. C.

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BY THE UNIVERSITY

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BULLETIN

No. 1

VOL. XLVI

THE SUMMER SESSIONS

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CALENDAR OF THE SUMMER SESSIONS 1947

IN ALL COLLEGES, SCHOOLS, AND DIVISIONS EXCEPT
THE LAW SCHOOL.*

Date	Day	Occasion
May 5	Monday	Preregistration of students registered in the winter term
June 2	Monday	Registration of new students for the first session and the fifteen-week term
June 3	Tuesday	First session and fifteen-week term classes begin
June 30	Monday	Registration for special six-week session in the School of Education
July 4	Friday	Independence Day. Holiday
July 23	Wednesday	First session ends
July 24	Thursday	Registration for second session
July 25	Friday	Second session classes begin
Aug. 8	Friday	Special six-week session in the School of Education ends
Sept. 1	Monday	Labor Day. Holiday
Sept. 12	Friday	Second session and fifteen-week term end
Sept. 24-27 ...	Wednesday through Saturday.....	Registration for the fall term of the academic year 1947-48

* In the Law School, first-session classes begin June 2 and end July 26; second-session classes begin July 28 and end September 20.

THE UNIVERSITY

THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President of the University ex officio and the following persons by election:

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* Nominated by the Alumni.

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Elmer Louis Kayser, Ph.D., *Dean of the Division of University Students; University Marshal*
Warren Reed West, Ph.D., *Dean of the Division of Special Students*
Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*
William Lewis Turner, A.M., *Assistant Dean in the Junior College*
Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of Engineering*
Charles William Cole, Ph.D., *Assistant Dean of the Summer Sessions*

* On leave of absence 1946-47.

THE UNIVERSITY

HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

Columbian College in the District of Columbia was chartered by an act of Congress of February 9, 1821. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; Columbian College, the senior college of liberal arts, which offers work leading to the Bachelor's and Master's degrees; the Graduate Council, which offers work leading to the degree of Doctor of Philosophy; the professional schools, including Medicine, Law, Engineering, Pharmacy, Education, and Government; the Division of University Students, which leads to no degree but makes the work of the University accessible to the mature student; and the Division of Special Students, in which are registered students who wish to work toward degrees but who lack the qualifications for admission to degree-granting schools or colleges.

ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of

American Law Schools and is approved by the Council of Legal Education of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are the buildings housing the offices of many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by, and the Capitol and the Library of Congress are readily accessible.

EDUCATIONAL FACILITIES

Buildings, grounds, and equipment of the University are valued at over \$6,000,000. The buildings of the colleges, schools, and divisions offering Summer Sessions work are in the vicinity of Twenty-first and G Streets NW., except for the School of Medicine which is at 1335 H Street NW.

The University Library—The University Library contains more than 160,000 volumes, and with the exception of the law and medical collections is housed in the Library Building.

Regulations governing the use of the library; the circulation of books, and the use of reserve books and periodicals are available at the service desks of the Library

OTHER LIBRARY FACILITIES IN WASHINGTON

The student has access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department

of Agriculture, with its scientific departmental collections; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many other great special collections of the government departments.

RESEARCH FACILITIES OF WASHINGTON

The arrangement of the summer schedule of classes permits the full-time student to avail himself of the opportunity to study, at first hand, the working of the Federal Government and so to form a background for intelligent and useful citizenship.

In the departmental libraries of the Federal Government are a multitude of reports made by eminent specialists in all fields of science on the results of study and research in the bureaus, experimental stations, laboratories, museums, and observatories of the Nation.

In addition to the governmental collection the student has access to the research facilities of such scientific and educational groups, whose headquarters are situated in Washington, as the Carnegie Institution, the American Council on Education, the American Council of Learned Societies, the National Academy of Science, the National Research Council, the National Education Association, and the National Geographic Society.

STAFF OF INSTRUCTION IN THE SUMMER SESSIONS

- Katharine Rogers Adams, Ph.D., *Lecturer in English*
Milton Kent Akers, B.S., E.E., *Associate Professor of Electrical Engineering*
Antonio Alonso, A.M., *Associate Professor of Spanish*
Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*
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Arthur Edward Burns, Ph.D., *Professor of Economics*
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Walter Lynn Cheney, Ph.D., *Professor of Physics*
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James Forrester Davison, A.B., LL.M., S.J.D., *Professor of Law*
Martin Steele Day, A.B., *Instructor in English*
Pauline Angela DeBrodes, B.S., A.M., *Associate in English*

- Lowell Ragatz, Ph.D., *Professor of European History*
 Walter Andrew Ramsey, A.M., *Associate in Romance Languages*
 Carl Johann Ratzlaff, Ph.D., *Lecturer in Economics*
 John Palmer Reesing, Jr., A.M., *Instructor in English*
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 Henry Goddard Roberts, A.M., *Associate Professor of Speech*
 Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*
 Blake Smith Root, B.S., A.M., *Lecturer in Education*
 Hildegard Marsales Scheibe, A.M., *Associate in German*
 Rainer Wolfgang Schickele, Ph.D., *Lecturer in Economics*
 Martha Rachel Seabrook, A.B., *Instructor in English*
 Edward Henry Sehrt, Ph.D., *Professor of German*
 Ernest Sewall Shepard, A.M., *Associate Professor of English*
 Charles Skinner, A.M., *Associate in Speech*
 Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law*
 Edwin Stevens, A.M., *Assistant Professor of Speech*
 Edward Schaad Stimson, B.S., A.M., J.D., S.J.D., *Visiting Professor of Law*
 George Winchester Stone, Jr., Ph.D., *Associate Professor of English*
 Rafael Supervía, Doctor en Derecho, *Instructor in Spanish*
 Mildred Sherwood Taub, A.M., *Lecturer in Psychology*
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 John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*
 William George Torpey, Ph.D., *Lecturer in Political Science*
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 Dorothy Helene Veon, A.M., *Lecturer in English*
 Robert Corbin Vincent, Ph.D., *Assistant Professor of Chemistry*
 Carl Hugo Walther, B.E., M.C.E., *Associate Professor of Civil Engineering*
 Francis Bernard Ward, B.S., *Lecturer on Accounting*
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
 Frank Mark Weida, Ph.D., *Professor of Statistics*
 Warren Reed West, Ph.D., *Professor of Political Science*
 Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*
 Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*
 Donnell Brooks Young, Ph.D., *Professor of Zoology*
 Edward Eugene Younger, Ph.D., *Lecturer in History*

THE SUMMER SESSIONS

The work of the Summer Sessions has been planned to meet the needs of full- and part-time students; of those who are accelerating the college work; and of those who, because of the pressure of employment, are unable to attend classes daily.

During the summer of 1947, courses are offered in the Junior College, Columbian College (the senior college), the Law School, the School of Engineering, the School of Pharmacy, the School of Education, and the School of Government.

Students may enter the Summer Sessions at the beginning of any one of the sessions.

In the first and second sessions classes meet daily, Monday through Friday, for a period of seven and one-half weeks. During each session the work of a regular term of the academic year is completed.

In the fifteen-week term classes meet on the normal-term basis—in most cases three times a week. During the fifteen weeks the work of a regular term of the academic year is completed.

In the special six-week session of the School of Education classes meet daily, Monday through Friday.

ADMISSION

A student desiring admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return to the Office of the Director of Admissions.

Applications should be filed by May 10 for the first session and the fifteen-week term and by July 1 for the second session.

RECORDS OF PREVIOUS ACADEMIC WORK

An applicant from a secondary school must send the high school record form furnished by the University to his high school principal, with the request that the principal fill out the form and mail it direct to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning should request the registrar of that institution to mail direct to the Office of the Director of Admissions a transcript of his record. If he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his

record, even though credits were not earned, together with an honorable dismissal.

ENTRANCE REQUIREMENTS

The Student Seeking a Degree

Entrance requirements are stated in this bulletin under the various colleges, schools, and divisions.

The Student Not Seeking a Degree

Students 21 years of age or over who are not interested in working for a degree in this University may be considered for admission to the Division of University Students to take courses for which they have adequate preparation, as evidenced by previous scholastic records.

In special instances, with the permission of the instructor, a person may be considered for admission as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

Students matriculated for degrees in other institutions who wish to take certain courses in this University will be admitted to the Division of University Students for the summer only, to the extent that our facilities permit. In such cases transcripts of record are not required.

REGISTRATION

Before a student may register he must have satisfied the Office of Admissions that he is qualified to enter the University.

A student previously matriculated in the University but not in attendance during the term preceding this registration must file an application for readmission in advance of registration.

For preregistration* and registration* students should report to the Office of the Registrar, Building C, 2029 G Street, NW., between 9:00 A.M. and 7:00 P.M., on the dates stated in the Calendar.

CHANGES IN PROGRAM OF STUDY

Changes in programs of study may be made only with the permission of the adviser or major professor and the dean or director of the college, school, or division concerned.

Further details concerning curricula, courses offered, or admis-

* Registration for the Law School is conducted in Stockton Hall, 720 Twentieth Street NW.

sion procedure may be obtained from the Office of the Director of Admissions.

FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted:

UNIVERSITY FEE

For each session or any part thereof *

For the student registered for credit..... \$4.00

For the auditor †..... 2.00

TUITION FEES

For each credit hour..... 10.00

ADDITIONAL COURSE FEES

In certain courses additional fees such as laboratory and material fees are charged as indicated in the course descriptions. These fees are due with the tuition fee for the course. Breakage of apparatus is charged against the individual student. When breakage is in excess of the normal amount provided for in the laboratory fee, the individual student will be required to pay such additional charges as are determined by the department concerned.

SPECIAL FEES

Late-registration fee, for failure to register within the designated period 5.00

Service fee, for late payment of tuition (see "Payment of Fees")..... 1.00

Reinstatement fee, for reinstatement after suspension for delinquency in fees..... 5.00

For examinations to qualify for advanced courses, and for all special examinations, for each subject..... 5.00

UNIVERSITY FEE

Payment of the University Fee covers all expenses incident to registration and, in addition, secures to each student in the Summer Sessions the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the use of the University library facilities, except as otherwise designated; (3) medical and hospital services described below. These privileges, with the exception of the issuance of transcripts, cease when the student withdraws or is dismissed from the University.

Medical and Hospital Services.—These services include: (1) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examinations; (2) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school

* Students registered for only those courses which extend over a single period of fifteen weeks must pay a University fee of \$8.

† Payment of this fee does not entitle auditors to the general privileges to which payment of the preceding fee entitles resident students.

the Director of Activities for Women before their registrations can be completed. In the women's residence halls, single rooms with breakfast and dinner are \$57 and \$60 a month; double rooms, with the same service, are \$50 and \$53 a month a person. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women, in Columbian House.

Men Students.—A limited number of single and double rooms are provided for men students in temporary dormitories. Residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the 15-week term or six credit hours in each of the 7½-week terms in the University. Vacancies will be filled from the list of applicants in accordance with the date of application. Single rooms are \$17 a month; double rooms are \$13 a month a person. Forms for application for room reservation may be obtained from the Director of Activities for Men, 2027 H Street NW.

The prices stated above are subject to change without notice.

UNIVERSITY REGULATIONS

Students in the Summer Sessions are subject to, and are expected to familiarize themselves with, the University regulations as stated in the general catalogue.

Academic Credit.—The Summer Sessions are an integral part of the University. Academic credit for completed work will be given toward the appropriate degrees in the various colleges and schools of the University in accordance with their separate regulations and requirements.

Residence.—Summer Sessions work may be counted in residence but the candidate for a degree must satisfy the residence requirements of the school or college concerned as stated in the general catalogue.

Amount of Work.—No full-time student may take more than nine credit hours of work during either session; no employed student, more than six hours. By carrying work in both sessions, a full-time student may earn as much as eighteen credit hours; an employed student, twelve hours.

The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

The University is not responsible for the loss, in any University building, of personal property belonging to a student.

The University and its various colleges, schools, and divisions reserve the right to modify or change the requirements, rules, and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to every student of the University.

Detailed information concerning admission; scholarship requirements of the individual colleges, schools, and divisions; and requirements for degrees may be obtained from the general catalogue, which is available on request at the Office of the Director of Admissions.



THE COLLEGES, SCHOOLS, AND DIVISIONS

UNDERGRADUATE MAJORS

Curricula leading to the degree of Bachelor of Arts are available in the following major fields:

American Thought and Civilization

Art:

Appreciation

Drawing and Painting

Biology

Botany

Chemistry

Economics

English Literature

French Literature

Geography

Germanic Languages and Literatures

Latin American Civilization and Culture

Latin American Economics

History

International Relations

Mathematics

Philosophy

Physics

Political Science

Psychology

Sociology

Spanish American Literature

Spanish Literature

Speech

Statistics

Zoology

Curricula leading to the degree of Bachelor of Science are available in the following major fields:

Biology

Botany

Chemistry

Mathematics

Physics

Statistics

Zoology

GRADUATE FIELDS

Graduate work leading to the degree of Master of Arts or Master of Science is offered in the following fields:

American Literary and Cultural History

Bacteriology

Biochemistry

Biology

Botany

Chemistry

Economics

English Literature

French Literature

Germanic Languages and Literatures

History

Mathematics

Philosophy

Physics

Physiology

Political Science

Psychology

Spanish American Literature

Spanish Literature

Statistics

Zoology

In addition, programs can be arranged in combined fields subject to the approval of the division or divisions concerned.

ENTRANCE REQUIREMENTS

For the Bachelor's degrees, the degree of Associate in Arts based on the appropriate curriculum in the Junior College, or the equivalent, is required. Scholarship requirements may be somewhat higher than those for graduation from the Junior College. For the Master's degrees, an approved Bachelor's degree from an accredited institution and a transcript of studies previously pur-

sued, showing a superior quality of work in the major field, are required.

THE GRADUATE COUNCIL

The Graduate Council offers work leading only to the degree of Doctor of Philosophy. Because the basis for work under the Graduate Council is primarily creative research, regular study in specific courses is considered quite incidental and is therefore not emphasized in connection with the curricula of the Summer Sessions. A student wishing to work under the disciplines of the Graduate Council will consult the Chairman of the Graduate Council for information concerning credentials and candidacy.

A pamphlet describing details of the Graduate Council program, together with a current list of fields of research offered by the Council, will be sent upon request to the Office of the Graduate Council.

THE LAW SCHOOL

THE DEGREES

The Law School offers work leading to the following degrees: Bachelor of Laws, Juris Doctor, Master of Laws, Master of Comparative Law, and Doctor of Juridical Science.

THE SCHOOL OF ENGINEERING

THE DEGREES

The School of Engineering offers work leading to the following degrees: Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering.

ENTRANCE REQUIREMENTS

An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations in secondary school subjects selected with the approval of the Director of Admissions is required.

Nine and one-half of the fifteen units required for entrance must be distributed as follows: three in English, two in algebra, one in plane geometry, one-half in plane trigonometry, one in physics or chemistry, and two in one foreign language or history. A graduate of an approved high school who does not offer for admission the particular subjects required for the engineering curriculum, but who does present not less than fifteen acceptable units, may be admitted on condition, if such deficiency in the distribution of units does not exceed two units.

THE SCHOOL OF PHARMACY

THE DEGREES

The School of Pharmacy offers work leading to the following degrees: Bachelor of Science in Pharmacy and Master of Science in Pharmacy.

ENTRANCE REQUIREMENTS

For the Bachelor's degree, the degree of Associate in Arts based on the appropriate curriculum in the Junior College, or the equivalent, is required. For the Master's degree, an approved Bachelor's degree from an accredited institution is required.

THE SCHOOL OF EDUCATION

The School of Education prepares teachers, supervisors, and administrators for educational service and offers opportunities to teachers of experience to extend their education. The schedule of courses is arranged to meet the needs of employed students as well as those able to devote full time to their studies. It offers both graduate and undergraduate work.

THE DEGREES

The School of Education offers work leading to the following degrees: Bachelor of Arts in Education, Bachelor of Science in Home Economics, Bachelor of Science in Physical Education, Master of Arts in Education, and Doctor of Education.

ENTRANCE REQUIREMENTS

For the Bachelor's Degrees.—The satisfactory completion of two years of approved college work, or graduation from an approved two-year normal school, or the equivalent, is required.

For the Master's Degree.—A Bachelor's degree from an accredited college, or the equivalent, and the approval of the Committee on Admissions and Advanced Standing are required.

For the Doctor's Degree.—A Master's degree from an accredited college, or the equivalent, and the approval of the Faculty of the School of Education are required.

THE SCHOOL OF GOVERNMENT

THE DEGREES

The School of Government offers work leading to the following degrees: Bachelor of Arts in Government with a major in Foreign Affairs, Statistics, Accounting, and Business Administration; and

Master of Arts in Government with a major in the above fields and also in Government and Economic Policy, Public Administration, Public Personnel Administration, and Vocational Counseling.

ENTRANCE REQUIREMENTS

For the Bachelor's Degree.—The satisfactory completion of two years of approved college work, or the equivalent, is required.

For the Master's Degree.—An approved Bachelor's degree based on the proper training for the field selected by the student for graduate study.

FOREIGN SERVICE REVIEW COURSE

The University will offer a twelve-week Review Course, June 23 to September 12, in preparation for the Foreign Service Examinations to be held September 22 through 25, 1947. This course is open to all men and women designated by the President of the United States to take the Foreign Service Examinations.

To be certified for designation, the candidate must be: (1) between the ages of 21 and 35 (as of September 22, 1947), (2) at present and for the last ten years, a citizen of the United States, (3) not married to an alien.

Applications for admission must be received by June 1.

FEES

The cost of this twelve-week course, including medical facilities, library facilities, etc., is \$188, which in the case of veterans is covered by the educational benefits of the G.I. Bill of Rights.

For further information and application forms, write to the Dean of the School of Government.

THE DIVISION OF UNIVERSITY STUDENTS

The Division of University Students makes the work of the University, in its several colleges and schools, accessible to students 21 years of age or over who are not working toward a degree in this University.

Adequate preparation to undertake the desired courses is required.

THE DIVISION OF SPECIAL STUDENTS

This is a non degree-granting division of the University in which the Director of Admissions may authorize the placement of students in the process of making up entrance deficiencies to degree-granting colleges and schools of the University.

Complete credentials must be submitted and evaluated before a program of studies is approved.

COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

EXPLANATION OF COURSE NUMBERS

An odd number preceding the name of the course indicates that the course is offered in the first session; an even number, that it is offered in the second session. The letter "x" following an odd number (e.g., 5x) indicates that the course, normally given in the first session, is given in the second session. The letter "x" following an even number (e.g., 6x) indicates that the course, normally given in the second session, is given in the first session. The letter "S" following the number of a course indicates that the course is given in one term of fifteen weeks.

First-group courses.—Courses numbered from 1 to 100, are planned for the student in the freshman or sophomore year. With the approval of the adviser and the dean, they may also be taken by a junior or senior. In certain instances, they may be taken by a graduate student to make up undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

Second-group courses.—Courses numbered from 101 to 200, are planned for the student in the junior or senior year. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction.

Third-group courses.—Courses numbered from 201 to 300, are planned primarily for the graduate student. They are open, with the approval of the officer of instruction, to the qualified senior; they are not open to the Junior College student.

INDICATION OF THE AMOUNT OF CREDIT

The number of hours of credit given for the satisfactory completion of a course is in most cases indicated in parentheses after the name of the course.

A credit hour represents one class hour or a minimum of two laboratory hours a week for a period of fifteen weeks.

The University reserves the right to change or withdraw any of the courses of instruction listed.

BIOLOGY

FIRST SESSION

- 1 Survey in Biology (3)** Munson
A review of the plant and animal kingdoms with emphasis upon the interdependence of living things. Material fee, \$4.50. Section A: lecture—Mon. and Wed., 1:10 P.M.; laboratory—Mon. and Wed., 2:10 to 4:00 P.M.; field trips—Tues. and Thurs., 1:10 to 4:00 P.M. Section B: lecture—Mon. and Wed., 1:10 P.M.; laboratory—Tues. and Thurs., 9:10 to 11:00 A.M.; field trips—Wed. and Fri., 9:10 A.M. to 12:00 N.

SECOND SESSION

- 2 Survey in Biology (3)** Bowman
A review of the fields of evolution and heredity, public health, and conservation of natural resources. Material fee, \$4.50. Section A: lecture—Mon. and Wed., 1:10 P.M.; laboratory—Mon. and Wed., 2:10 to 4:00 P.M.; field trips—Tues. and Thurs., 1:10 to 4:00 P.M. Section B: lecture—Mon. and Wed., 1:10 P.M.; laboratory—Tues. and Thurs., 9:10 to 11:00 A.M.; field trips—Wed. and Fri., 9:10 A.M. to 12:00 N.

BOTANY

FIRST SESSION

- 1 Structure and Function of the Flowering Plant* (3)** Yocum

The typical plant as a working mechanism, with the emphasis on the general biological significance of plant physiology. Material fee, \$4.50. Section A: lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. and Thurs., 2:10 to 4:00 P.M. Section B: lecture—Mon., Tues., Thurs., and Fri., 11:10 A.M.; laboratory—Mon., Tues., Thurs., and Fri., 12:10 to 1:00 P.M. Section C: lecture—Mon., Tues., Thurs., and Fri., 1:10 P.M.; laboratory—Mon. and Thurs., 2:10 to 4:00 P.M.

- 2X Survey of the Plant Kingdom* (3)**
Study of the different kinds of plants, with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Lecture—Mon., Tues., Thurs., and Fri., 10:10 A.M.; laboratory—Mon., Tues., Thurs., and Fri., 11:10 A.M. to 12:00 N.

- 5 Field Botany (3)** Benedict
Field trips to neighboring localities of botanical interest, with classroom study. Material fee, \$4.50. Lecture—Wed. and Fri., 2:10 P.M.; field trips or laboratory study—Tues., 2:10 to 5:00 P.M., and Wed. and Fri., 3:10 to 5:00 P.M.

- 261 Research** The Staff
Hours and credits to be arranged.

- 299 Thesis (3)** The Staff

* Botany 1 and 2 are prerequisite to all other courses in Botany.

SECOND SESSION

2 *Survey of the Plant Kingdom** (3)

Study of the different kinds of plants, with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Section A: lecture—Tues. through Fri., 9:10 A.M.; laboratory—Tues. and Thurs., 2:10 to 4:00 P.M. Section B: lecture—Mon., Tues., Thurs., and Fri., 11:10 A.M.; laboratory—Mon., Tues., Thurs., and Fri., 12:10 to 1:00 P.M.

262 *Research*

The Staff

Hours and credits to be arranged.

300 *Thesis* (3)

The Staff

BUSINESS ADMINISTRATION

FIRST SESSION

51 *Introductory Accounting* (3)

The Staff

Principles and procedures of double-entry accounting with special reference to single proprietorships. Section A: 8:10 A.M.; section B: 11:10 A.M.; section C: 6:10 P.M.

52x *Introductory Accounting* (3)

The Staff

Accounting principles applied to partnerships and corporations; the valuation problem. Prerequisite: Business Administration 51. Section A: 7:10 A.M.; section B: 7:10 P.M.

101 *Business Organization and Combination* (3)

Simple and interrelated forms of business enterprise and their control by government. 6:10 P.M.

115 *Business Finance* (3)

Kennedy

Survey of financial policies involved in new enterprises and study of capital structures, promotion, earnings, surplus, reorganization, and governmental regulation. Prerequisite: Business Administration 51-52. 11:10 A.M.

145 *Cost Accounting* (3)

Job order and process systems of cost findings, interrelations of the cost records and the general accounts, standard costs, distribution costs. Prerequisite: Business Administration 51-52. 7:10 A.M.

151 *Advanced Accounting* (3)

Lewis

Corporation accounting and advanced valuation problems. 6:10 P.M.

155 *Analysis of Financial Statements* (3)

Kennedy

Technique of analyzing financial statements for the guidance of operating executives, directors, stockholders, and creditors; valuation of balance sheet items; determination and interpretation of ratios. Prerequisite: Business Administration 51-52. 9:10 A.M.

* Botany 1 and 2 are prerequisite to all other courses in Botany.

171 *Principles of Marketing* (3)

A survey of marketing, giving particular attention to consumption, retailing, wholesaling, and sales management; the entire marketing structure and its relation to the total economy. 7:10 P.M.

172x *Marketing Problems* (3)

Johnson

Marketing principles applied to specific distribution policy and operating problems of retailers, wholesalers, and manufacturers handling consumers' and industrial goods. Prerequisite: Business Administration 171. 8:10 A.M.

SECOND SESSION

51x *Introductory Accounting* (3)

The Staff

Principles and procedures of double-entry accounting with special reference to single proprietorships. Section A: 11:10 A.M.; section B: 7:10 P.M.

52 *Introductory Accounting* (3)

The Staff

Accounting principles applied to partnerships and corporations; the valuation problem. Prerequisite: Business Administration 51. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 6:10 P.M.

102 *Business Organization and Management* (3)

Owens

Organization and management of a business with particular reference to a manufacturing concern. 8:10 A.M.

115x *Business Finance* (3)

Dodder

Survey of financial policies involved in new enterprises and study of capital structures, promotion, earnings, surplus, reorganization and governmental regulation. Prerequisite: Business Administration 51-52. 7:10 P.M.

128 *Insurance* (3)

Dodder

Principles of property, life, marine, and casualty insurance; emphasis is placed upon the function of insurance in the economic life of a business or individual. 7:10 A.M.

152 *Advanced Accounting* (3)

Lewis

Consolidated statements, actuarial science, insolvency, and estates and trusts. 6:10 P.M.

155x *Analysis of Financial Statements* (3)

Byrne

Technique of analyzing financial statements for the guidance of operating executives, directors, stockholders, and creditors; valuation of balance sheet items; determination and interpretation of ratios. Prerequisite: Business Administration 51-52. 6:10 P.M.

165x *Auditing* (3)

Owens

Duties and responsibilities of the auditor; principles and procedures in making audits; arrangement of working papers and the preparation of reports. Prerequisite: Business Administration 151-52 or permission of instructor. 9:10 A.M.

FIFTEEN-WEEK TERM

- 51S *Introductory Accounting* (3) Dickson
Principles and procedures of double-entry accounting with special reference to single proprietorships. Mon., Wed., and Fri., 10:10 A.M.
- 52S *Introductory Accounting* (3) Dickson
Accounting principles applied to partnerships and corporations; the valuation problem. Prerequisite: Business Administration 51. Tues. and Thurs., 10:10 to 11:25 A.M.
- 215S *Corporate Financial Policy* (3) _____
Financial practice in promotion, consolidations and mergers, capital structure adjustments, and reorganizations. Admission by permission of the instructor. Mon., 6:10 P.M.
- 291S *Seminar in Business Administration* (3) _____
Wed., 6:10 P.M.

CHEMISTRY

FIRST SESSION

- 11 *General Chemistry* (4) Naeser
For students who are beginning the study of chemistry and for those with high school chemistry who fail the qualifying examination in Chemistry 12. This course is the first half of a full course. The second half, Chemistry 12, must be completed before credit is allowed. Laboratory fee, \$12. Lecture—section A: Tues. through Fri., 10:10 A.M.; section B: Tues. through Fri., 12:10 P.M. Laboratory—section K: Tues. through Fri., 8:10 to 10:00 A.M.; section L: Tues. through Fri., 10:10 A.M. to 12:00 N.; section M: Tues. through Fri., 1:10 to 3:00 P.M.; section N: Tues. through Fri., 3:10 to 5:00 P.M. Recitation—section K: Tues. and Thurs., 11:10 A.M.; section L: Tues. and Thurs., 9:10 A.M.; section M: Wed. and Fri., 3:10 P.M.; section N: Wed. and Fri., 2:10 P.M. A student registers for lecture, laboratory, and recitation sections. Either lecture section may be taken with any laboratory section that does not conflict in time, but the laboratory and recitation sections must have the same letter designation.
- 21 *Inorganic Qualitative Analysis* (4) Vincent
Prerequisite: Chemistry 12. Theoretical and practical study of methods of separating and identifying the more common cations and anions using semi-micro technique. Laboratory fee, \$12. Lecture—Tues. through Fri., 1:10 P.M. Laboratory—section K: Tues. through Fri., 9:10 A.M. to 12:00 N.; section M: Tues. through Fri., 2:10 to 5:00 P.M.
- 135 *Inorganic Chemistry: Preparations* (2) Naeser
Application of the technique of inorganic chemistry to the preparation and purification of a list of selected substances. Laboratory fee, \$12. Morning and afternoon sections, hours to be arranged.

- 151 *Organic Chemistry* (4) Mackall
Chemistry of the carbon compounds. Semi-micro and macro techniques are employed in the laboratory. Prerequisite: Chemistry 12; however, students are strongly advised to take Chemistry 21 before entering this course. This course is the first half of a full course. The second half, Chemistry 152, must be completed before credit is allowed. Lecture (3), laboratory (1). Laboratory fee, \$12. Lecture—Mon., Wed., and Fri., 9:10 and 11:10 A.M. Laboratory—section K: Tues. and Thurs., 9:10 A.M. to 12:00 N.; section M: Tues. and Thurs., 2:10 to 5:00 P.M.

The Staff

- 297 *Research*
Hours, credits, and fees to be arranged.

The Staff

- 299 *Thesis* (3)
Hours to be arranged. Material fee, \$15.

SECOND SESSION

- 12 *General Chemistry* (4)
Prerequisite: Chemistry 11 or high school chemistry, and permission of the instructor. Laboratory fee, \$12. Lecture—section A: Tues. through Fri., 10:10 A.M.; section B: Tues. through Fri., 12:10 P.M.; Laboratory—section K: Tues. through Fri., 8:10 to 10:00 A.M.; section L: Tues. through Fri., 10:10 A.M. to 12:00 N.; section M: Tues. through Fri., 1:10 to 3:00 P.M.; section N: Tues. through Fri., 3:10 to 5:00 P.M. Recitation—section K: Tues. and Thurs., 11:10 A.M.; section L: Tues. and Thurs., 9:10 A.M.; section M: Wed. and Fri., 3:10 P.M.; section N: Wed. and Fri., 2:10 P.M. A student registers for lecture, laboratory, and recitation sections. Either lecture section may be taken with any laboratory section that does not conflict in time, but the laboratory and recitation sections must have the same letter designation.

- 22 *Inorganic Quantitative Analysis* (4)
Prerequisite: Chemistry 21 or the equivalent. The principles of gravimetric and volumetric analysis. Laboratory fee, \$15. Lecture—Tues. through Fri., 1:10 P.M. Laboratory—section K: Tues. through Fri., 9:10 A.M. to 12:00 N.; section M: Tues. through Fri., 2:10 to 5:00 P.M.

- 152 *Organic Chemistry* (4) Wrenn
A continuation of Chemistry 151. Prerequisite: Chemistry 151. Lecture (3), laboratory (1). Laboratory fee, \$12. Lecture—Mon., Wed., and Fri., 9:10 and 11:10 A.M. Laboratory—section K: Tues. and Thurs., 9:10 A.M. to 12:00 N.; section M: Tues. and Thurs., 2:10 to 5:00 P.M.

- 155x *Organic Chemistry: Preparations* (2 or 3) Wrenn
The synthesis of organic compounds and the application of the technique of organic chemistry to the preparation of pure compounds, using larger amounts and greater refinements than in Chemistry 151-52. Prerequisite: Chemistry 22 and 152. Laboratory fee, \$7 a credit hour. Morning and afternoon sections, hours to be arranged.

- 298 *Research* The Staff
Hours, credits, and fees to be arranged.
- 300 *Thesis (3)* The Staff
Hours to be arranged. Material fee, \$15.

CIVIL ENGINEERING

FIRST SESSION

- 2x *Plane Surveying (3)* Eyman and Staff
Principles, methods, and instruments used in surveying, with field work. Prerequisite: Trigonometry. Surveying fee, \$6. Section A: Tues. through Fri., 11:10 A.M.; section B: Tues. through Fri., 6:10 P.M. Field work—hours to be arranged.
- 25 *Materials of Construction (2)* Greenshields
Nonmetallic materials, with emphasis on cement. Prerequisite or concurrent registration: Chemistry 12. Section A: Mon. through Thurs., 9:10 A.M.; section B: Mon. through Thurs., 6:10 P.M.
- 141 *Graphic Statics (3)* Kerley
Fundamental principles; analysis of beams; determination of stresses in roof trusses and framed bents. Prerequisite: Civil Engineering 123. Drafting-room fee, \$1. Lecture—Mon., Tues., Wed., and Fri., 1:10 P.M. Drawing-room—Wed. and Fri., 2:10 to 5:00 P.M.

SECOND SESSION

- 26 *Materials of Construction (2)* Callahan
Metallic materials, with emphasis on iron and steel. Prerequisite or concurrent registration: Chemistry 12. Section A: Mon. through Thurs., 9:10 A.M.; section B: Mon. through Thurs., 6:10 P.M.
- 140 *Materials and Hydraulics Laboratory (2)* ———
Determination of the properties of materials by mechanical tests, and a study of the flow of fluids. Prerequisite: Civil Engineering 123 and 136; prerequisite or concurrent registration: Civil Engineering 26. Laboratory fee, \$6. Section A: Tues. and Thurs., 1:10 to 4:00 P.M.; section B: Tues. and Thurs., 8:10 to 11:00 P.M.
- 142 *Bridge Stresses (3)* Walther
Determination of stresses in modern types of bridge trusses. Prerequisite: Civil Engineering 141. Drafting-room fee, \$1. Lecture—Mon., Tues., Wed., and Fri., 1:10 P.M. Drawing-room—Wed. and Fri., 2:10 to 5:00 P.M.

FIFTEEN-WEEK TERM

- 21-22S *Analytical Mechanics: Statics and Dynamics (2-3)* Greenshields, Callahan
Composition and resolution of forces; axial stresses; centroids; friction. Kinematics of a particle; kinetics of a body in translation, rotation, and plane motion; work and energy; impulse and momentum.

This course may not be entered in the second term, and credit will not be given until the work of both terms has been completed. Prerequisite: Physics 6; prerequisite or concurrent registration: Mathematics 20. Section A: 10:10 A.M.; section B: 5:10 P.M.

- 123S *Strength of Materials* (3) Kerley, Walther
Tension, compression, shear, flexure, and torsion; deflection; combined and working stresses. Prerequisite: Civil Engineering 22. Mon., Wed., and Fri., 10:10 A.M.
- 136S *Hydraulics* (3) Kerley, _____
Hydrostatics; flow through pipes and open channels; laminar and turbulent flow. Prerequisite: Civil Engineering 22. Mon., Wed., and Fri., 11:10 A.M.

ECONOMICS *

FIRST SESSION

- I *Introductory Economics* * (3) Watson, Garritsen
Survey of the major economic institutions and economic problems in contemporary society. Section A: 9:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.
- 2X *Introductory Economics* * (3) _____
Continuation of Economics I. 8:10 A.M.
- 101 *Economic Theory* (3) Watson
Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. 11:10 A.M.
- 105 *Business Cycles* (3) Burns
Analysis of strategic factors in economic instability and economic retardation; survey of recent business-cycle theories. 10:10 A.M.
- 121 *Money and Banking* (3) Kerr
Money, bank credit, and prices; commercial and investment banking; banking systems; historical development of banking; government and banking; functions of money and banking. 6:10 P.M.
- 146X *Economic Security and Social Insurance* (3) Ratzlaff
Economic and social problems of unemployment and destitution; analysis of the federal social security program; survey of the Beveridge and other plans for social security. 6:10 P.M.
- 180X *Principles of Foreign Trade* (3) Ratzlaff
International trade, foreign exchange, tariffs and commercial agreements. 7:10 P.M.

SECOND SESSION

- IX *Introductory Economics* * (3) Kerr
Survey of the major economic institutions and economic problems in contemporary society. 8:10 A.M.

* Economics 1-2 is prerequisite to all other courses in economics.

- 2 *Introductory Economics* * (3) Kerr, Miller
Continuation of Economics 1. Section A: 9:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.
- 101X *Economic Theory* (3) Ratzlaff
Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. 6:10 P.M.
- 108 *The National Income* (3) _____
The measurement, composition, and determinants of the national income. 7:10 P.M.
- 122 *Money and Banking* (3) _____
Continuation of Economics 121. 6:10 P.M.
- 166 *Comparative Systems of Economic Reform* (3) Ratzlaff
Critical analysis of the major theories of economic and social reform, with special attention to their origins and backgrounds. 7:10 P.M.

FIFTEEN-WEEK TERM

- 1S *Introductory Economics* * (3) Burns, Kerr
Survey of the major economic institutions and economic problems in contemporary society. Mon., Wed., and Fri., 11:10 A.M.
- 2S *Introductory Economics* * (3) Burns, Kerr
Continuation of Economics 1. Mon., Wed., and Fri., 1:10 P.M.
- 201S *History and Literature of Economic Thought* (3) Burns, Kerr
Critical analysis and interpretation of the development and the literature of economic thought to the end of the eighteenth century. Mon., 6:10 P.M.
- 202S *History and Literature of Economic Thought* (3) Burns, Kerr
Critical analysis and interpretation of the development and the literature of economic thought in the nineteenth and twentieth centuries. Wed., 6:10 P.M.
- 205S *Business Cycle Theory* (3) _____
Business cycle theory before Keynes. Tues., 6:10 P.M.
- 229S *Monetary Theory and Policy* (3) _____
Relation of monetary and business cycle theory; monetary policy and economic stabilization. Thurs., 6:10 P.M.

EDUCATION

FIRST SESSION

- 121 *School and Society* (3) Jarman
The local, national, and international roles of education; cooperation of the school with other community agencies. Mon. through Thurs., 9:10 A.M. Field work—four hours to be arranged.

* Economics 1-2 is prerequisite to all other courses in economics.

- 248x *Vocational Education* (3) Dennis
Current issues and problems. Mon. and Wed., 7:10 to 9:10 P.M.
Conference hours: Mon. and Wed., 6:10 P.M.
- 271 *The American School System* (3) Fox
Organization of public education, sources of school revenue, influences of national and state agencies, local administrative units, the chief legal controls, criteria of building administration, responsibilities of teachers. Tues. and Thurs., 7:10 to 9:10 P.M. Conference hours: Tues. and Thurs., 6:10 P.M.
- 279 *Adult Education* (3) Bish
Nature, extent, and organization of programs in adult education. Tues. and Thurs., 7:10 to 9:10 P.M. Conference hours: Tues. and Thurs., 6:10 P.M.
- 286x *Non-classroom Activities in the Elementary School* (3) Brimley
Assemblies, student government, clubs, school publications, money-raising activities, student help, group projects. Mon. and Wed., 7:10 to 9:10 P.M. Conference hours: Mon. and Wed., 6:10 P.M.
- 299 *Thesis* (3) The Staff

SECOND SESSION

- 122 *School and Society* (3) Root
Organization and operation of schools; principles and functions. Mon. through Thurs., 9:10 A.M. Field work—four hours to be arranged.
- 230 *Administration of Elementary Education* (3) Brimley
Management planning, execution, and control; budget, internal school finance, lunch programs, supplies, building utilization and maintenance, teaching aids, group management procedures. Tues. and Thurs., 7:10 to 9:10 P.M. Conference hours: Tues. and Thurs., 6:10 P.M.
- 255x *Secondary Education* (3) Root
Review of recent literature and practices; particular attention to *Education For All American Youth*, the recent report of the Educational Policies Commission, and *General Education in a Free Society*, Harvard Committee. Mon. and Wed., 7:10 to 9:10 P.M. Conference hours: Mon. and Wed., 6:10 P.M.
- 300 *Thesis* (3) The Staff

SPECIAL SIX-WEEK SESSION

June 30 to August 8

- 109 *Learning and Teaching* (3) Hoppe
Nature of learning and teaching approached through the study of actual classroom situations. Mon. through Thurs., 8:00 to 9:00 A.M. Field work—Five hours to be arranged.

- 115 *Elementary School Classroom Procedures* (3) Hall
Evaluating children's needs and interests by observation and testing; providing for individual differences, formulating lesson plans, utilizing community resources, use of teaching aids. 9:10 to 10:10 A.M. Conference hours: Mon. and Wed., 11:30 A.M.
- 125 *Corrective Procedures in Reading* (3) Hilder
Study of levels, needs, materials, and corrective methods. Demonstrations and observations with clinic cases. 10:20 to 11:20 A.M. Conference hours: Tues. and Thurs., 11:30 A.M.
- 207 *Course of Study Construction* (3) Hoppe
Major factors underlying course of study construction, analysis of procedures, review of typical published courses, application to the student's own situation. 11:30 A.M. to 12:30 P.M. Conference hours: Mon. and Wed., 9:10 A.M.
- 217 *Contemporary Problems in Education* (3) Jarman
Designed to help students to formulate a personal philosophy of education. 8:00 to 9:00 A.M. Conference hours: Tues. and Thurs., 10:10 A.M.
- 231 *Secondary School Classroom Procedures* (3) Bish
Survey of current classroom practices with particular attention to teaching aids, review of recent literature. 9:10 to 10:10 A.M. Conference hours: Mon. and Wed., 10:20 A.M.
- 249 *Work Experience in Business Education* (3)
Designed to provide supervised business experience for teachers of Business Education. Full-time, paid employment in local retail establishments provides experience with a variety of business operations. Class meetings devoted to study of the implications for instruction. Tues. and Thurs., 6:00 to 8:00 P.M. Conference hours: Tues. and Thurs., 8:10 P.M.
- 252 *Guidance in Secondary Schools* (3) Davis
Nature, scope, administration, and supervision of guidance functions for Grades 7-12. Provision for the special needs and interests of administrators, counselors, home room teachers, the Business Education staff, and instructors in other vocational and in academic subjects. 8:00 to 9:00 A.M. Conference hour: 9:10 A.M.
- 272 *School Supervision* (3) Fox
Nature, organization, human relationships, and techniques. 10:20 to 11:20 A.M. Conference hours: Tues. and Thurs., 9:10 A.M.
- 285 *Extra-classroom Activities* (3) Bish
Home room functions, student self-government, clubs, assemblies, school publications. 11:30 A.M. to 12:30 P.M. Conference hours: Tues. and Thurs., 10:20 A.M.
- 295 *Educational Research Methods and Procedures* (3) Fox
Required of all Master's candidates following Plan 2. 1:00 to 2:00 P.M. Conference hours: Mon. and Wed., 2:10 P.M.
- 299-300 *Thesis* (3-3) The Staff

ELECTRICAL ENGINEERING

FIRST SESSION

- 9 *Elements of Electrical Engineering* (3) Akers
Magnetic and electric circuits; and direct-current instruments and machines. Prerequisite: Physics 7. Prerequisite or concurrent registration: Mathematics 20. Section A: 1:00 to 2:00 P.M.; section B: 6:00 to 7:00 P.M.
- 13 *Direct- and Alternating-Current Laboratory* (2) The Staff
For the student not majoring in electrical engineering. Experiments in direct and alternating currents and direct- and alternating-current machinery. Prerequisite: Electrical Engineering 10. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.
- 17 *Direct-Current Laboratory* (2) The Staff
For the student majoring in electrical engineering. A course in measurements and direct-current dynamo laboratory. Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.
- 133 *Alternating-Current Laboratory* (2) The Staff
A continuation of Electrical Engineering 17-18, with experiments on alternating-current circuits, instruments, and machinery. Prerequisite: Electrical Engineering 18 and 102. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.

SECOND SESSION

- 10 *Elements of Electrical Engineering* (3) Ames
Alternating-current circuits, instruments, and machines. Prerequisite: Electrical Engineering 9 or the equivalent; Mathematics 20. Section A: 1:00 to 2:00 P.M.; section B: 6:00 to 7:00 P.M.
- 14 *Direct- and Alternating-Current Laboratory* (2) The Staff
For the student not majoring in electrical engineering. Experiments in direct and alternating currents and direct- and alternating-current machinery. Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.
- 18 *Direct-Current Laboratory* (2) The Staff
For the student majoring in electrical engineering. A course in measurements and direct-current dynamo laboratory. Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.
- 134 *Alternating-Current Laboratory* (2) The Staff
A continuation of Electrical Engineering 17-18, with experiments on alternating-current circuits, instruments, and machinery. Prerequisite: Electrical Engineering 18, 102, and 133. Laboratory fee, \$6. Mon. and Fri., 7:10 P.M.

ENGLISH

FIRST SESSION

- A English Practice (3)** The Staff
Instruction, drill, and exercises in grammar, vocabulary, spelling, and mechanics in general; instruction and exercises in composition and reading. This course is designed to prepare students for English 1. Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.; section D: 7:10 P.M.
- 1 Freshman English * (3)** The Staff
Review of grammar, exercises in composition, study of prose essays. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 10:10 A.M.; section D: 11:10 A.M.; section E: 5:10 P.M.; section F: 6:10 P.M.; section G: 7:10 P.M.
- 2x Freshman English (3)** The Staff
Continuation of English 1. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 10:10 A.M.; section D: 11:10 A.M.; section E: 5:10 P.M.; section F: 6:10 P.M.; section G: 7:10 P.M.
- 9 Sophomore Composition (3)** Nichols
A study of types of expository writing with weekly exercises. Prerequisite: English 1-2. 9:10 A.M.
- 10x Sophomore Composition (3)** Nichols
A study of the modern short story, with exercises in narrative writing. Prerequisite: English 1-2. 10:10 A.M.
- 51 Introduction to English Literature (3)** McClanahan, Venezky
A historical survey. Section A: 8:10 A.M.; section B: 7:10 P.M.
- 71 Introduction to American Literature (3)** Coberly, McClanahan
A historical survey. Section A: 12:10 P.M.; section B: 6:10 P.M.
- 91 Introduction to European Literature (3)** Venezky
Consideration of various types. 11:10 A.M.
- 122x Chaucer (3)** Stone
Prerequisite: English 51-52, 71-72, or 91-92. 6:10 P.M.
- 129 Elizabethan Nondramatic Literature (3)** Tupper
Nondramatic literature from 1485 to 1603. Prerequisite: English 51-52, 71-72, or 91-92. 10:10 A.M.
- 176x The American Novel (3)** Coberly
Chronological development of fiction from the beginnings through the 1920's. 11:10 A.M.

* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

- 184x *The English Drama* (3) Tupper
A survey from 1660 to the present day. 11:10 A.M.
- 222x *The Age of Chaucer* (3) Stone
Tues. and Thurs., 7:00 to 10:00 P.M.

SECOND SESSION

- A *English Practice* (3) The Staff
Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.;
section D: 7:10 P.M.
- IX *Freshman English** (3) The Staff
Review of grammar, exercises in composition, study of prose essays.
Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 10:10 A.M.;
section D: 11:10 A.M.; section E: 5:10 P.M.; section F: 6:10 P.M.;
section G: 7:10 P.M.
- 2 *Freshman English* (3) The Staff
Continuation of English I. Section A: 8:10 A.M.; section B: 9:10
A.M.; section C: 10:10 A.M.; section D: 11:10 A.M.; section E: 5:10
P.M.; section F: 6:10 P.M.; section G: 7:10 P.M.
- 9x *Sophomore Composition* (3) Howard
A study of types of expository writing with weekly exercises. Pre-
requisite: English I-2. 10:10 A.M.
- 10 *Sophomore Composition* (3) Howard
A study of the modern short story, with exercises of narrative writing.
Prerequisite: English I-2. 9:10 A.M.
- 52 *Introduction to English Literature* (3) Linton, Day
A historical survey. Section A: 8:10 A.M.; section B: 7:10 P.M.
- 72 *Introduction to American Literature* (3) Bolwell, Cole
A historical survey from the Civil War to the present day. Section
A: 12:00 N.; section B: 6:10 P.M.
- 92 *Introduction to European Literature* (3) Shepard
A consideration of various types. 11:10 A.M.
- 140 *Milton* (3) Linton
Prerequisite: English 51-52, 71-72, or 91-92. 11:10 A.M.
- 142 *Neoclassical Movement* (3) Day
Prerequisite: English 51-52, 71-72, or 91-92. 6:10 P.M.
- 152 *Romantic Movement* (3) Linton
Prerequisite: English 51-52, 71-72, or 91-92. 9:10 A.M.

* Students registered in English I are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

- 162 *Victorian Poetry* (3) Shepard
10:10 A.M.
- 175x *American Drama* (3) Bolwell
Reading and analysis of significant plays from the beginnings to the present day. 11:10 A.M.
- 178 *Recent American Literature* (3) Bolwell
10:10 A.M.

FIFTEEN-WEEK TERM

- A *English Practice* (3) The Staff
Mon., Wed., and Fri., 9:10 A.M.
- 1S *Freshman English** (3) The Staff
Review of grammar, exercises in composition, study of prose essays.
Mon., Wed., and Fri., 9:10 A.M.
- 2S *Freshman English* (3) The Staff
Continuation of English 1. Mon., Wed., and Fri., 11:10 A.M.

GEOGRAPHY

FIRST SESSION

- 1 *Elements of Geography* (3) _____
World survey of physical elements and natural regions of the human habitat. 10:10 A.M.
- 101 *Anglo-America* (3) _____
United States, Canada, Alaska, and Greenland; physical, political, economic, and regional survey. 7:10 P.M.

SECOND SESSION

- 2 *Elements of Geography* (3) _____
Survey of earth occupancy. Interplay of natural and cultural factors in the geography of the world's people. 10:10 A.M.
- 115x *Conservation of Natural Resources* (3) _____
Principles and problems of conservation of soil, forest, minerals, wild life, and water. 7:10 P.M.

FIFTEEN-WEEK TERM

- 121S *Political Geography* (3) _____
Spatial structure and growth of states; interplay of geography and politics in the resolution of administrative policy. Mon., Wed., and Fri., 6:10 P.M.

* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

GERMAN

FIRST SESSION

- †1 *First-year German* (3) Legner, Sehrt
The essentials of German grammar; translation of easy prose. Section
A: 10:10 A.M.; section B: 6:10 P.M.
- 2x *First-year German* (3) Legner
Continuation of German I. 9:10 A.M.
- †5 *Second-year German* (3) Legner, Sehrt
Selections from modern German prose; review of grammar. Pre-
requisite: German 1-2 or two years of high school German. Section
A: 11:10 A.M.; section B: 7:10 P.M.

SECOND SESSION

- 2 *First-year German* (3) Rogers, Scheibe
The essentials of German grammar; translation of easy prose. Section
A: 10:10 A.M.; section B: 6:10 P.M.
- †5x *Second-year German* (3) Rogers
Selections from modern German prose; review of grammar. Pre-
requisite: German 1-2 or two years of high school German. 9:10 A.M.
- 6 *Second-year German* (3) Rogers, Condray
Continuation of German 5. Section A: 11:10 A.M.; section B: 7:10 P.M.

FIFTEEN-WEEK TERM

- †1S *First-year German* (3) Cokenias, Scheibe
The essentials of German grammar; translation of easy prose. Mon.,
Wed., and Fri., 8:10 A.M.
- 5S *Second-year German* (3) Cokenias, Scheibe
Selections from modern German prose; review of grammar. Pre-
requisite: German 1-2 or two years of high school German. Mon.,
Wed., and Fri., 12:10 P.M.

HISTORY

FIRST SESSION

- 39 *The Development of European Civilization to 1500* (3) Kayser
Primarily for freshmen. The political, social, economic, and cultural
history of the Old World from ancient times through the Middle
Ages. 7:00 A.M.

† A dagger preceding an odd numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

- 40x *The Development of European Civilization since 1500* (3) Kayser
Primarily for freshmen. The political, social, economic, and cultural history of the Old World from the Age of Exploration to the present. 8:00 A.M.
- 120x *Intellectual Aspects of the Renaissance and Reformation* (3) Kayser
Aspects of the development of the modern mind approached through a study of the lives and contributions of outstanding personalities of the period. 11:10 A.M.
- 171 *Social History of the United States* (3) Gray
Daily life, institutions, and intellectual and artistic achievements in the Agrarian Era, 1607-1861. 11:10 A.M.
- 174x *Economic History of the United States* (3) Gray
Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War. 9:10 A.M.
- 175 *Representative Americans* (3) Gray
A biographical approach to national history. Some fifty significant and pivotal personalities in the development of the United States in government, business, education, science, religion, journalism, the arts, and social reform. 10:10 A.M.
- 181 *Diplomatic History of the United States* (3) Merriman
Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents; to the Civil War. 6:10 P.M.
- 182x *Diplomatic History of the United States* (3) Merriman
Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents; since the Civil War. 7:10 P.M.
- 281 *Seminar in American Diplomatic History* (3) Merriman
Tues. and Thurs., 8:00 to 10:00 P.M.
- 291 *Seminar* (3) The Staff
Hours to be arranged.
- 299 *Thesis* (3) The Staff
For candidates for the Master's degree in History.

SECOND SESSION

- 71x *The Development of American Civilization* (3) Geer
Primarily for sophomores. The political, social, economic, and cultural forces of the United States in their world setting from 1492 to 1865. 7:00 A.M.

- 72 *The Development of American Civilization* (3) Younger
Primarily for sophomores. The political, social, economic, and cultural forces of the United States in their world setting from 1865 to the present. 8:00 A.M.
- 140 *Modern Imperialism* (3) Ragatz
Africa, Asia, and the Pacific Basin in the nineteenth and twentieth centuries. 10:10 A.M.
- 144 *World Affairs, 1919-1947* (3) Ragatz
9:10 A.M.
- 147x *Economic History of Europe* (3) Ragatz
A survey from ancient times to the present day. 11:10 A.M.
- 162 *Latin American Civilization* (3) Wilgus
Development of political, economic, social, and institutional affairs of the Ibero-American nations in the period since independence. 6:10 P.M.
- 164 *Pan American Problems* (3) Wilgus
7:10 P.M.
- 282 *Seminar in American Diplomatic History* (3) Wilgus
Tues. and Thurs., 8:00 to 10:00 P.M.
- 292 *Seminar* (3) The Staff
Hours to be arranged.
- 300 *Thesis* (3) The Staff
For candidates for the Master's degree in History.

LAW

FIRST SESSION

June 2-July 26

- 101 *Agency* (4) Rhinelander
Problems of agency in the conduct of business. Mon. through Thurs., 10:10 A.M. to 12:00 N.
- 137 *Property II* (4) Benson
Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger; elementary study of remoteness and powers; adverse possession; prescription; natural rights. Mon. through Thurs., 6:20 to 8:00 P.M.
- 141 *Torts* (4) Van Vleck, Merrifield
Civil liability for harms to legally protected interests. Ten weeks, June 2 to August 9. Section A: Mon., Wed., and Fri., 10:10 A.M. to 12:00 N.; section B: Mon., Wed., and Fri., 6:20 to 8:00 P.M.

- 231 *Equity* (4) Spaulding
Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees. Mon. through Thurs., 10:10 A.M. to 12:00 N.
- 239 *Property III* (2) _____
Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Tues. and Thurs., 6:20 to 8:00 P.M.
- 241 *Evidence* (4) Fryer
Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity; and contents of writings. Mon., Wed., and Fri., 10:10 A.M. to 12:00 N. Ten weeks, June 2 to August 9.
- 251 *Restitution (Quasi Contracts)* (4) _____
Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Mon. through Thurs., 6:20 to 8:00 P.M.
- 253 *Wills* (2) _____
Formation and revocation of wills; testate and intestate succession. Mon. and Wed., 6:20 to 8:00 P.M.
- 311 *Business Associations* (4) Davison
Forms of business associations; legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Mon. through Thurs., 10:10 A.M. to 12:00 N.

SECOND SESSION

July 28–September 20

- 106 *Civil Procedure* (4) Stimson
Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleading and Procedure*, 2d ed. Mon. through Thurs., 6:20 to 8:00 P.M.
- 122 *Criminal Law* (4) Jackson
Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Section A: Mon. through Thurs., 10:10 A.M. to 12:00 N.; section B: Mon. through Thurs., 6:20 to 8:00 P.M.
- 246 *Negotiable Instruments* (4) Oppenheim, Invernizzi
Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Section A: Mon. through Thurs., 10:10 A.M. to 12:00 N.; section B: Mon. through Thurs., 6:20 to 8:00 P.M.
- 262 *Security Transactions* (4) _____
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. Mon. through Thurs., 6:20 to 8:00 P.M.

Collier

352 *Public Utilities* (4)

Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. Mon. through Thurs., 10:10 A.M. to 12:00 N.

SIXTEEN-WEEK TERM

June 2–September 20

201S *Damages* (2)

Fri., 6:20 to 8:00 P.M.

353S *Domestic Relations* (2)

Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants; conflicts of laws involving problems of marriage evasion and migratory divorce. Fri., 6:20 to 8:00 P.M.

MATHEMATICS

FIRST SESSION

3 *College Algebra* (3)

Nelson and Staff

Prerequisite: one year each of high school algebra and high school geometry. Section A: 10:10 A.M.; section B: 11:10 A.M.; section C: 6:10 P.M.; section D: 7:10 P.M.

6x *Plane Trigonometry* (3)

Mears and Staff

Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3. Section A: 10:10 A.M.; section B: 6:10 P.M.

12X *Analytic Geometry* (3)

The Staff

Prerequisite: Mathematics 6. Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 5:10 P.M.; section D: 7:10 P.M.

19 *Differential Calculus* (3)

Nelson and Staff

Prerequisite: Mathematics 12. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 5:10 P.M.; section D: 6:10 P.M.

20X *Integral Calculus* (3)

Nelson and Staff

Prerequisite: Mathematics 19. Section A: 9:10 A.M.; section B: 11:10 A.M.; section C: 7:10 P.M.

132X *Differential Equations* (3)

Prerequisite: Mathematics 20. 6:10 P.M.

139 *Advanced Calculus* (3)

Prerequisite: Mathematics 20. 9:10 A.M.

Mears

SECOND SESSION

3x *College Algebra* (3)

The Staff

Prerequisite: one year each of high school algebra and high school geometry. Section A: 9:10 A.M.; section B: 6:10 P.M.

- 6 *Plane Trigonometry* (3) The Staff
Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3. Section A: 10:10 A.M.; section B: 11:10 A.M.; section C: 6:10 P.M.; section D: 7:10 P.M.
- 12 *Analytic Geometry* (3) The Staff
Prerequisite: Mathematics 6. Section A: 10:10 A.M.; section B: 6:10 P.M.
- 19x *Differential Calculus* (3) Johnston and Staff
Prerequisite: Mathematics 12. Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 5:10 P.M.; section D: 7:10 P.M.
- 20 *Integral Calculus* (3) Taylor and Staff
Prerequisite: Mathematics 19. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 6:10 P.M.
- 125x *Advanced Algebra* (3)
Prerequisite: Mathematics 20. 7:10 P.M.
- 132 *Differential Equations* (3) Johnston
Prerequisite: Mathematics 20. 9:10 A.M.

MECHANICAL ENGINEERING

FIRST SESSION

- 13 *Mechanism* (2) Trumbull
Prerequisite: Mathematics 19. Prerequisite or concurrent registration: Mathematics 20. Mon., Tues., Thurs., and Fri., 11:10 A.M.
- 111 *Thermodynamics* (3) Cruickshanks
Prerequisite or concurrent registration: Mathematics 20. Mon., Tues., Thurs., and Fri., 8:45 to 10:00 A.M.

SECOND SESSION

- 14 *Mechanism* (2) Johnson
Prerequisite: Mathematics 19 and Mechanical Engineering 13. Prerequisite or concurrent registration: Mathematics 20. Mon., Tues., Thurs., and Fri., 11:10 A.M.
- 112 *Thermodynamics* (3) Kohloss
Prerequisite: Mechanical Engineering 111. Mon., Tues., Thurs., and Fri., 8:45 to 10:00 A.M.

FIFTEEN-WEEK TERM

- 3S *Mechanical Drawing* (2) The Staff
Drafting-room fee, \$3. Section A: Mon. and Fri., 9:10 A.M. to 12:00 N.; section B: Tues. and Thurs., 9:10 A.M. to 12:00 N.; section C: Mon. and Fri., 1:10 to 4:00 P.M.; section D: Tues. and Thurs., 1:10 to 4:00 P.M.

- 7S *Machine Drawing* (2) Trumbull, Johnson
Prerequisite: Mechanical Engineering 3 and 4. Drafting-room fee: \$3.
Mon. and Fri., 1:10 to 4:00 P.M.

PHARMACY

FIRST SESSION

- 21 *Operative Pharmacy* (4) Bliven
The theory and manufacture of pharmacopoeial and formulary preparations. Laboratory fee, \$12. Lecture—Mon. through Thurs., 8:10 A.M.; laboratory—Mon. through Thurs., 9:10 A.M. to 12:00 N.

SECOND SESSION

- 22 *Operative Pharmacy* (4) Jones
Continuation of Pharmacy 21. Prerequisite: Pharmacy 21. Laboratory fee, \$12. Lecture—Mon. through Thurs., 8:10 A.M.; laboratory—Mon. through Thurs., 9:10 A.M. to 12:00 N.

PHILOSOPHY

FIRST SESSION

- I *Introduction to Philosophy* (3) Hawkins
An introduction to the problems of the field of philosophy and their relevance to the vital issues of the present day. 11:10 A.M.
III *History of Philosophy* (3) Hawkins
History of ancient and medieval philosophy. 10:10 A.M.
180X *Contemporary Philosophy* (3) Hawkins
Intensive study of current topics in philosophy. 6:10 P.M.

SECOND SESSION

- II *Introduction to Philosophy* (3) Gauss
An introduction to the problems of the field of philosophy. 11:10 A.M.
112 *History of Philosophy* (3) Gauss
History of modern philosophy. 10:10 A.M.
163X *Patterns of Cultures* (3) Gauss
Relations of ideas, social structures, and techniques to tastes. Problem of historical relativity. 7:10 P.M.

PHYSICS

FIRST SESSION

- 55 *Physical Measurements** (2) Cheney
Theory and use of the methods of precise measurement in the several fields of physics. Prerequisite: Physics 6 and 7. Prerequisite or concurrent registration: Mathematics 19. Material fee, \$6. Lecture—section A: Tues. and Thurs., 2:10 to 5:30 P.M.; section B: Wed. and Fri., 2:10 to 5:30 P.M.

* See footnote on page 55.

SECOND SESSION

8 *General Physics* * (2)

Brown

The experimental evidence concerning the nature of light, electricity, and matter; practical developments of modern physics, such as X-ray apparatus, electron tubes, and radio. Prerequisite: Physics 6 and 7. Lecture—section A: Tues. through Fri., 2:10 P.M.; section B: Tues. through Fri., 6:10 P.M.

232 *Advanced Electronics* (3)

Brown

Theory and design of electron tubes and electronic circuits. Lectures and problems. Prerequisite: Physics 132. 7:10 P.M.

FIFTEEN-WEEK TERM

5S *General Physics* * (3)

French and Staff

Introduction to the scientific method as used in the study of energy and forces; physical properties of solids, liquids, and gases; phenomena of heat and light. Prerequisite: high school algebra and plane geometry. Material fee, \$6. Lecture—Mon., 11:10 A.M. Recitation and laboratory—section N: Sat., 8:10 to 11:30 A.M.; section P: Wed., 11:10 A.M., and Mon., 2:10 to 4:30 P.M.; section Q: Fri., 11:10 A.M., and Tues., 2:10 to 4:30 P.M.; section R: Wed., 1:10 to 4:30 P.M.; section S: Thurs., 1:10 to 4:30 P.M.; section T: Fri., 1:10 to 4:30 P.M.

6S *General Physics* * (3)

Mechanics, wave-motion, sound, and the theory of optical instruments. Prerequisite: Physics 5; high school algebra and plane geometry. Material fee, \$6. Lecture—section A: Tues., 11:10 A.M.; section B: Tues., 6:10 P.M. Recitation and laboratory—section J: Thurs., 11:10 A.M., and Tues., 10:10 A.M. to 12:30 P.M.; section L: Thurs., 9:10 A.M. to 12:30 P.M.; section N: Sat., 8:10 to 11:30 A.M.; section P: Mon., 1:10 to 4:30 P.M.; section Q: Thurs., 11:10 A.M., and Tues., 2:10 to 4:30 P.M.; section R: Wed., 1:10 to 4:30 P.M.; section S: Thurs., 1:10 to 4:30 P.M.; section T: Fri., 1:10 to 4:30 P.M.; section V: Thurs., 6:10 P.M., and Tues., 8:10 to 10:30 P.M.; section Y: Thurs., 7:10 to 10:30 P.M.

7S *General Physics* * (3)

Elementary electricity and magnetism. Prerequisite: Physics 5; high school algebra and plane geometry. Material fee, \$6. Lecture—section A: Thurs., 11:10 A.M.; section B: Thurs., 6:10 P.M. Recitation and laboratory—section J: Tues., 9:10 A.M. to 12:30 P.M.; section L: Tues., 10:10 A.M., and Thurs., 10:10 A.M. to 12:30 P.M.; section N: Sat., 8:10 to 11:30 A.M.; section P: Mon., 1:10 to 4:30 P.M.; section Q: Tues., 1:10 to 4:30 P.M.; section R: Wed., 1:10 to 4:30 P.M.; section S: Tues., 11:10 A.M., and Thurs., 2:10 to 4:30 P.M.; section T: Tues., 11:10 A.M., and Fri., 2:10 to 4:30 P.M.; section V: Tues., 7:10 to 10:30 P.M.; section Y: Tues., 6:10 P.M., and Thurs., 8:10 to 10:30 P.M.

* Physics 6, 7, and 8 constitute the basic course in Physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 7 or Physics 6).

116S Optics (3)

Geometrical optics; elementary theory of wave motions; interference, diffraction, polarization, and dispersion of light; laws of black-body radiation. Prerequisite: Physics 8; Mathematics 20. Mon., Wed., and Fri., 6:10 P.M.

161S Nuclear Physics (3)

Radioactivity, nuclear transformations, new particles; astrophysical applications. Prerequisite: Physics 113-14. Tues. and Thurs., 6:10 to 7:30 P.M. Gamow

POLITICAL SCIENCE ***FIRST SESSION**

9 Government of the United States * (3) West, Torpey
Fundamental principles of political science and the organization of the Federal Government. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 6:10 P.M.

10X Government of the United States * (3) West
The organization of state and local governments; relationships with the Federal Government; the functions of the federal, state, and local governments in the United States. 9:10 A.M.

111 Governments of Europe (The Democracies) (3) Torpey
7:10 P.M.

117 Political Theory (3) West
7:10 A.M.

181 International Law (3) Younger
9:10 A.M.

281 Seminar: International Law and Relations (3) Hadsel
Mon. and Wed., 8:10 P.M.

SECOND SESSION

9X Government of the United States * (3) Tillema
Fundamental principles of political science and the organization of the Federal Government. 9:10 A.M.

10 Government of the United States * (3) Torpey
Section A: 7:10 A.M.; section B: 6:10 P.M.

127X Commercial Law: Contracts, Agency, and Bailments (3) Tillema
10:10 A.M.

* Political Science 9-10 is prerequisite to all other courses in political science.

- 129x *Law in Relation to the Form of Business Units* (3) Tillema
7:10 A.M.
- 171x *International Politics* (3)
7:10 P.M.
- 182 *International Law* (3) Younger
9:10 A.M.

PSYCHOLOGY *

FIRST SESSION

- 1 *General Psychology* * (3) Omwake, Cruze
The fundamental principles underlying human behavior. Section A: 8:10 A.M.; section B: 2:10 P.M.; section C: 6:10 P.M.
- 2x *Applied Psychology* (3) Cofer, Cruze
The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. Section A: 11:10 A.M.; section B: 1:10 P.M.
- 22x *Introduction to Educational Psychology* (3) Taub
Consideration of individual and group differences, adjustments, and the psychology of learning in relation to education and training. 10:10 A.M.
- 116x *Abnormal Psychology* (3) Omwake
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. Section A: 1:10 P.M.; section B: 6:10 P.M.
- 125 *Child Psychology* (3) Taub
A genetic approach to the study of the child. 11:10 A.M.
- 131 *Psychological Tests* (3) Fehrer
A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee, \$2.25. 10:10 A.M.
- 132x *Individual Psychological Testing* (3) Taub
Instruction and practice in giving of the Binet, Wechsler-Bellevue, and other individual psychological tests. Prerequisite: Psychology 131. Material fee, \$2.25. Tues. and Thurs., 2:10 P.M. Field work to be arranged.
- 172x *Psychology of Personality* (3) Cofer
Contemporary approaches to the study of personality. Mon., Wed., and Fri., 7:10 to 8:30 P.M.
- 191 *Experimental Psychology* (3) Fehrer
The application of experimental methods to various psychological problems. Material fee: \$6. Mon., Wed., and Fri., 2:10 to 4:30 P.M.

* Psychology 1 is prerequisite to all other courses in psychology.

- 196x *History and Systems of Psychology* (3) Fehrer
A survey of the contemporary schools of psychology. 9:10 A.M.
- 197 *Field Work in Psychology* (3) The Staff
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Hours to be arranged.
- 203 *Research in Psychology* The Staff
Hours and credits to be arranged.
- 211 *Seminar: Advanced Abnormal Psychology* (3) Cofer
Mon., Wed., and Fri., 8:40 to 10:00 P.M.
- 227 *Seminar: Educational and Vocational Guidance* (3) Dreese
An introduction to the techniques of educational and vocational guidance and the application of these procedures in various types of guidance agencies. Tues. and Thurs., 7:10 to 9:10 P.M.
- 299 *Thesis* (3) The Staff

SECOND SESSION

- IX *General Psychology* * (3) Tuthill
The fundamental principles underlying human behavior. Section A: 9:10 A.M.; section B: 6:10 P.M.
- X *Applied Psychology* (3) Hunt,
The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. Section A: 8:10 A.M.; section B: 6:10 P.M.
- 116 *Abnormal Psychology* (3) Hunt
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. 9:10 A.M.
- 121X *Educational Psychology* (3)
Consideration of individual and group differences, adjustment, and the psychology of learning in relation to education and training. 1:10 P.M.
- 131X *Psychological Tests* (3) Hunt
A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee: \$2.25. 11:10 A.M.
- 144 *Personnel Psychology* (3)
The applications of psychology to personnel work in education, business, industry, and government. Mon., Wed., and Fri., 7:10 to 8:30 P.M.
- 151X *Social Psychology* (3) Tuthill
The social foundations of attitudes and behavior. Individual adjustment to group situations, such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. 10:10 A.M.

* Psychology I is prerequisite to all other courses in psychology.

- 156 *Propaganda and Public Opinion* (3) _____
The formation of individual and group opinions in democracies and dictatorships. The means by which publics are influenced, particularly in social crises. Consideration of morale, rumor, and social leadership. Mon., Wed., and Fri., 7:10 to 8:30 P.M.
- 198 *Field Work in Psychology* (3) The Staff
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Hours to be arranged.
- 204 *Research in Psychology* The Staff
Hours and credits to be arranged.
- 230 *Seminar: Organization of Guidance and Counseling Programs* (3) Brewster
Tues. and Thurs., 7:10 to 9:10 P.M.
- 300 *Thesis* (3) The Staff

ROMANCE LANGUAGES *

FIRST SESSION

French *

- †1 *First-year French* (3) The Staff
Grammar, translation, pronunciation. Section A: 8:10 A.M.; section B: 7:10 P.M.
- 2x *First-year French* (3) The Staff
Continuation of French 1. Section A: 9:10 A.M.; section B: 7:10 P.M.
- †5 *Second-year French* (3) Deibert and Staff
Reading of modern French, grammar review, oral practice. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 6:10 P.M.
- 6x *Second-year French* (3) Caskie and Staff
Continuation of French 5. Section A: 10:10 A.M.; section B: 7:10 P.M.
- †109 *Conversation and Composition* (3) Caskie
Section A: 9:10 A.M.; section B: 6:10 P.M.
- 135 *The Modern Novel* (3) Keating
An intensive study of the characteristic novels of the nineteenth and twentieth centuries. Lectures, collateral reading, class discussion. 10:10 A.M.

* A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course, with credit to be assigned on the usual basis.

† A dagger preceding an odd numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

Spanish *

- †1 *First-year Spanish* (3) Eldridge and Staff
Grammar, translation, pronunciation. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 9:10 A.M.; section D: 10:10 A.M.; section E: 6:10 P.M.
- 2x *First-year Spanish* (3) Ramsey and Staff
Continuation of Spanish 1. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 6:10 P.M.; section D: 7:10 P.M.
- †5 *Second-year Spanish* (3) Keating and Staff
Reading of modern Spanish, grammar review, oral practice. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 11:10 A.M.; section D: 7:10 P.M.
- 6x *Second-year Spanish* (3) Eldridge
Continuation of Spanish 5. Section A: 9:10 A.M.; section B: 10:10 A.M.
- †109 *Conversation and Composition* (3) Supervía, Vázquez
Section A: 9:10 A.M.; section B: 6:10 P.M.
- 135 *The Modern Novel in Spain* (3) Supervía
An intensive study of contemporary novels, novelists, and their backgrounds. Lectures, collateral reading, class discussion. 10:10 A.M.
- 141 *The Modernista Movement in Latin America* (3) Vázquez
A study of the personalities, works, and trends of this movement. 6:10 P.M.
- 142x *The Modernista Movement in Latin America* (3) Vázquez
Continuation of Spanish 141. 7:10 P.M.

SECOND SESSION

French *

- 2 *First-year French* (3) The Staff
Continuation of French 1. Section A: 8:10 A.M.; section B: 7:10 P.M.
- †5x *Second-year French* (3) The Staff
Reading of modern French, grammar review, oral practice. Section A: 9:10 A.M.; section B: 7:10 P.M.
- 6 *Second-year French* (3) Protzman and Staff
Continuation of French 5. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 6:10 P.M.

* A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course, with credit to be assigned on the usual basis.

† A dagger preceding an odd numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

110 *Conversation and Composition* (3)

Section A: 9:10 A.M.; section B: 6:10 P.M.

136 *The Modern Drama* (3)

Protzman

Reading, analysis, and discussion of typical plays and dramatic trends of the nineteenth and twentieth centuries. Lectures, collateral reading, class discussion. 10:10 A.M.

Spanish *

2 *First-year Spanish* (3)

Doyle and Staff

Continuation of Spanish 1. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 9:10 A.M.; section D: 10:10 A.M.; section E: 6:10 P.M.

†5x *Second-year Spanish* (3)

The Staff

Reading of modern Spanish, grammar review, oral practice. Section A: 8:10 A.M.; section B: 10:10 A.M.; section C: 6:10 P.M.; section D: 7:10 P.M.

6 *Second-year Spanish* (3)

Alonso and Staff

Continuation of Spanish 5. Section A: 7:10 A.M.; section B: 8:10 A.M.; section C: 11:10 A.M.; section D: 7:10 P.M.

110 *Conversation and Composition* (3)

Alonso

Section A: 9:10 A.M.; section B: 6:10 P.M.

136 *The Modern Drama in Spain* (3)

Alonso

A study of selected plays with an appreciation of their social and literary significance. Lectures, collateral reading, class discussion. 10:10 A.M.

FIFTEEN-WEEK TERM

French *

†1S *First-year French* (3)

Grammar, translation, pronunciation. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed., and Fri., 10:10 A.M.

2S *First-year French* (3)

Continuation of French 1. Tues. and Thurs., 7:10 to 8:25 A.M.

†5S *Second-year French* (3)

Reading of modern French, grammar review, oral practice. Tues. and Thurs., 9:10 to 10:25 A.M.

6S *Second-year French* (3)

Continuation of French 5. Mon., Wed., and Fri., 8:10 A.M.

* A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course, with credit to be assigned on the usual basis.

† A dagger preceding an odd numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

Spanish *

- †1S *First-year Spanish* (3) Cilley
Grammar, translation, pronunciation. Section A: Mon., Wed., and Fri., 7:10 A.M.; section B: Mon., Wed., and Fri., 11:10 A.M.
- 2S *First-year Spanish* (3) Cilley
Continuation of Spanish 1. Tues. and Thurs., 9:10 to 10:25 A.M.
- †5S *Second-year Spanish* (3) Cilley
Reading of modern Spanish, grammar review, oral practice. Mon., Wed., and Fri., 8:10 A.M.
- 6S *Second-year Spanish* (3) Cilley
Continuation of Spanish 5. Tues. and Thurs., 11:10 A.M. to 12:25 P.M.

SOCIOLOGY

FIRST SESSION

- 27 *Organization of Society* (3) Geisert, _____
The origin and development of culture, man's social nature, types of groups and social institutions, social processes, social change, and social control. Section A: 11:10 A.M.; section B: 6:10 P.M.
- 125 *Rural Sociology* (3)
The origin and development of rural culture, types of rural communities, rural social institutions, social processes in rural life, present rural problems and rural planning. 8:10 A.M.
- 126x *Urban Sociology* (3) Geisert
Types of cities; their origin, growth, social structure, composition, functions, and problems; urban personalities and institutions; urbanization and social control; city planning. 7:10 P.M.
- 133 *The Family* (3)
A study of the modern family, changing functions and roles of the family and its members, factors promoting disorganization, measures seeking to preserve the socially valuable functions of family life. 9:10 A.M.

SECOND SESSION

- 28 *Problems of Society* (3)
The factors producing social change and social disorganization; an analysis of the problems arising from the disorganization of the individual and the family. Section A: 11:10 A.M.; section B: 6:10 P.M.

* A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course, with credit to be assigned on the usual basis.

† A dagger preceding an odd numbered course indicates that it is the first half of a full-year course, the second half of which must be completed before credit is allowed.

136 Criminology (3)

The nature and distribution of crime, causes of criminal behavior, the machinery of justice, types of treatment, recidivism, rehabilitation, crime-prevention programs. 10:10 A.M.

SPEECH**FIRST SESSION****1 Principles of Effective Speaking (3)** Leggette, Skinner

Preparation and delivery of short informative speeches: developing confidence and poise, body and voice control; selecting and organizing material. Recording fee, \$1.50. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 10:10 A.M.; section D: 6:10 P.M.; section E: 7:10 P.M.

2x Persuasive Speaking (3)

Special emphasis is placed on elementary principles of persuasion, and the preparation and delivery of persuasive speeches. This course is a continuation of Speech 1, which is prerequisite. Recording fee, \$1.50. 9:10 A.M.

11 Training the Speaking Voice (3)

Bielski

Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English and the standards of speech. Recording fee, \$1.50. Section A: 11:10 A.M.; section B: 6:10 P.M.

71 Speech Clinic

Bielski

Individual and group lessons for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Hours to be arranged.

SECOND SESSION**1x Principles of Effective Speaking (3)** Stevens, Skinner

Preparation and delivery of short informative speeches: developing confidence and poise, body and voice control; selecting and organizing material. Recording fee, \$1.50. Section A: 8:10 A.M.; section B: 9:10 A.M.; section C: 10:10 A.M.; section D: 6:10 P.M.; section E: 7:10 P.M.

2 Persuasive Speaking (3)

Stevens

Special emphasis is placed on elementary principles of persuasion and the preparation and delivery of persuasive speeches. This course is a continuation of Speech 1, which is prerequisite. Recording fee, \$1.50. 9:10 A.M.

11x Training the Speaking Voice (3)

Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English and the standards of speech. Recording fee, \$1.50. Section A: 11:10 A.M.; section B: 6:10 P.M.

72 Speech Clinic

Individual and group lessons for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Hours to be arranged.

STATISTICS

FIRST SESSION

- 51 *Elementary Statistics* (3) Weida, Johnson
Collection of data, classification and tabulation, averages, construction and use of index numbers and quotients, dispersion, analysis of frequency distribution, time series, correlation, and graphic presentation. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. Lecture—section A: 10:10 A.M.; section B: 6:10 P.M. Laboratory—section M: Mon. and Wed., 2:00 to 3:30 P.M.; section N: Mon. and Wed., 8:00 to 9:30 P.M.

- 52x *Mathematics of Finance* (3) Weida, Johnson
Interest and discount, annuities, valuation of stocks and bonds, sinking funds, amortization, valuation of depletable assets, depreciation, building and loan associations. Prerequisite: one entrance unit in algebra. Section A: 9:10 A.M.; section B: 7:10 P.M.

- †115 *Principles of Statistical Methods* (3) Weida
This course emphasizes the meaning, uses, and applications of: variates and attributes, measurement and enumeration, averages and dispersion, frequency distributions and their characteristics, errors of measurement and their control, index numbers, trends, cyclical relatives, purposive and random sampling in theory and practice with applications. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. This is the first half of a 6 credit course. Except by special arrangement with the instructor, the second half, Statistics 116, must be completed before credit is allowed. Lecture—7:10 P.M. Laboratory—Tues. and Thurs., 8:00 to 9:30 P.M.

- 117 *Analysis of Variance* (3) Johnson
The analysis of variance and covariance to segregate factors producing significant variation, a method to estimate experimental error, multiple classification with unequal class frequencies. Prerequisite: Statistics 115-16. 6:10 P.M.

202x *Theory of Estimation and Testing Hypotheses* (3)

Statistical hypotheses; maximum likelihood estimate; Markoff's best estimate; Neyman-Pearson theory of testing hypotheses; Bayes' theory; consistent, efficient, and sufficient statistics; theory of confidence intervals. Admission by permission of the instructor. 6:10 P.M.

SECOND SESSION

- 51x *Elementary Statistics* (3) Morrow, ———
Collection of data, classification and tabulation, averages, construction and use of index numbers and quotients, dispersion, analysis of frequency distribution, time series, correlation, and graphic presentation. Prerequisite: one entrance unit in algebra. Laboratory fee, \$5. Lecture—section A: 9:10 A.M.; section B: 7:10 P.M. Laboratory—Section M: Mon. and Wed., 2:00 to 3:30 P.M.; section N: Mon. and Wed., 8:00 to 9:30 P.M.

- 52 *Mathematics of Finance* (3) Morrow, —
Interest and discount, annuities, valuation of stocks and bonds, sinking funds, amortization, valuation of depletable assets, depreciation, building and loan associations. Prerequisite: one entrance unit in algebra. Section A: 10:10 A.M.; section B: 6:10 P.M.
- 116 *Principles of Statistical Methods* (3) Morrow
Continuation of Statistics 115. Prerequisite: Statistics 115. Laboratory fee, \$5. Lecture—7:10 P.M. Laboratory—Tues. and Thurs., 8:00 to 9:30 P.M.
- 118 *Correlation and the Chi-Square Test* (3) —
Advanced study of simple, partial, and multiple correlation. Rank correlation, the method of contingency, and the problem of normal and non-normal populations. Tests of independence, likeness, and goodness of fit. Prerequisite: Statistics 115-16. 6:10 P.M.
- 160 *Quality Control Techniques* (3) —
Characteristics; scientific basis, reduction in cost of inspection, rejection, and tolerance limits; quality as an attribute; distribution of quality characteristics; laws basic to control; statistical and maximum control; detection of lack of control. Prerequisite: Statistics 115-16 or its equivalent. 8:10 P.M.

ZOOLOGY

FIRST SESSION

- 1 *Introduction to Zoology* (4) Mortensen and Staff
An introduction to the study of the structure, functions, and relation of animals, and of the fundamental biological principles involved. Material fee, \$4.50. Lecture—section A: Mon. through Thurs., 1:10 P.M.; section B: Mon. through Thurs., 6:10 P.M. Laboratory—section R: Mon. through Thurs., 11:10 A.M. to 1:00 P.M.; section S: Mon. through Thurs., 2:10 to 4:00 P.M.; section T: Mon. through Thurs., 7:10 to 9:00 P.M.
- 141 *Comparative Vertebrate Anatomy* (3) Hansen
Lectures on the organ systems of the vertebrates; laboratory dissections of types. Prerequisite: Zoology 2. Material fee, \$6. Lecture—Mon. and Wed., 2:10 P.M. Laboratory—Mon. through Thurs., 3:10 to 5:00 P.M.
- 144x *Introduction to Vertebrate Embryology* (3) Hansen
The origin and early development of the individual and the formation of organ systems. Emphasis is placed on the frog, chick, and pig, with reference to the human embryo. Prerequisite: Zoology 2 and 141 or 142. Material fee, \$6. Lecture—Mon. and Wed., 6:10 P.M. Laboratory—Mon. through Thurs., 7:10 to 9:00 P.M.
- 253 *Research* (3) The Staff
Investigation of special problems. Hours to be arranged.
- 299 *Thesis* (3) The Staff

SECOND SESSION

2 *Introduction to Zoology* (4)

Young and Staff

Continuation of Zoology 1. Material fee, \$4.50. Lecture—section A: Mon. through Thurs., 1:10 P.M.; section B: Mon. through Thurs., 6:10 P.M. Laboratory—section R: Mon. through Thurs., 11:10 A.M. to 1:00 P.M.; section S: Mon. through Thurs., 2:10 to 4:00 P.M.; section T: Mon. through Thurs., 7:10 to 9:00 P.M.

137x *Histology* (3)

Young

An introduction to the microscopical anatomy of normal tissues and organs. Prerequisite: Zoology 2. Material fee: \$6. Lecture: Mon. and Wed., 5:10 P.M. Laboratory—Mon. through Thurs., 6:10 to 8:00 P.M.

142 *Comparative Vertebrate Anatomy* (3)

Continuation of Zoology 141. Prerequisite: Zoology 2. Material fee, \$6. Lecture—Mon. and Wed., 2:10 P.M. Laboratory—Mon. through Thurs., 3:10 to 5:00 P.M.

254 *Research* (3)

The Staff

Investigation of special problems. Hours to be arranged.

300 *Thesis* (3)

The Staff

SCHEDULE OF COURSES

HOURLY SCHEDULE OF CLASSES *
FIFTEEN-WEEK TERM—JUNE 3 to SEPTEMBER 12

MORNING CLASSES

7:10	8:10	9:10	10:10	11:10
Fr 2S (TTh to 8:25) Span 1SA (MWF)	Fr 6S (MWF) Ger 1S (MWF) Phys 5SN rec (S) Phys 6SN rec (S) Phys 7SN rec (S) Span 5S (MWF)	Eng A (MWF) Eng 1S (MWF) Fr 1SA (MWF) Fr 5S (TTh to 10:25) ME 3SA (M to 12) ME 3SB (TTh to 12) Phys 5SN lab (S to 11:30) Phys 6SL rec (Th) Phys 6SN lab (S to 11:30) Phys 7SJ rec (T) Phys 7SN lab (S to 11:30) Span 2S (TTh to 10:25)	Bus Adm 51S (MWF) Bus Adm 52S (TTh to 11:25) CE 21-22SA CE 123S (MWF) Fr 1SB (MWF) Phys 6SJ lab (T to 12:30) Phys 6SL lab (Th to 12:30) Phys 7SJ lab (T to 12:30) Phys 7SL rec (T) Phys 7SL lab (Th to 12:30)	CE 136S (MWF) Econ 1S (MWF) Eng 2S (MWF) Phys 5S lect (M) Phys 5SP rec (W) Phys 5SQ rec (F) Phys 6SA lect (T) Phys 6SJ rec (Th) Phys 6SQ rec (Th) Phys 7SA lect (Th) Phys 7SS rec (T) Phys 7ST rec (T) Span 1SB (MWF) Span 6S (TTh to 12:25)

* Seminars and research courses for which hours are to be arranged will be found under the departmental announcements.

AFTERNOON CLASSES

12:10	1:10	2:10
Ger 5S	<p>Econ 2S (MWF)</p> <p>ME 3SC (MF to 4)</p> <p>ME 3SD (TTh to 4)</p> <p>ME 7S (MF to 4)</p> <p>Phys 5SR rec (W)</p> <p>Phys 5SS rec (Th)</p> <p>Phys 5ST rec (F)</p> <p>Phys 6SP rec (M)</p> <p>Phys 6SR rec (W)</p> <p>Phys 6SS rec (Th)</p> <p>Phys 6ST rec (F)</p> <p>Phys 7SP rec (M)</p> <p>Phys 7SQ rec (T)</p> <p>Phys 7SR rec (W)</p>	<p>Phys 5SP lab (M to 4:30)</p> <p>Phys 5SQ lab (T to 4:30)</p> <p>Phys 5SR lab (W to 4:30)</p> <p>Phys 5SS lab (Th to 4:30)</p> <p>Phys 5ST lab (F to 4:30)</p> <p>Phys 6SP lab (M to 4:30)</p> <p>Phys 6SQ lab (T to 4:30)</p> <p>Phys 6SR lab (W to 4:30)</p> <p>Phys 6SS lab (Th to 4:30)</p> <p>Phys 6ST lab (F to 4:30)</p> <p>Phys 7SP lab (M to 4:30)</p> <p>Phys 7SQ lab (T to 4:30)</p> <p>Phys 7SR lab (W to 4:30)</p> <p>Phys 7SS lab (Th to 4:30)</p> <p>Phys 7ST lab (F to 4:30)</p>

EVENING CLASSES

5:10	6:10	7:10	8:10
CE 21-22SB	Bus Adm 215S (M) Bus Adm 291S (W) Econ 201S (M) Econ 202S (W) Econ 205S (T) Econ 229S (Th) Geog 121S (MWF) Law 201S • (F 6:20-8) Law 353S • (F 6:20-8) Phys 6SB lect (T) Phys 6SV rec (Th) Phys 7SB lect (Th) Phys 7SY rec (T) Phys 116S (MWF) Phys 161S (TTh to 7:30)	Phys 6SY rec (Th) Phys 7SV rec (T)	Phys 6SV lab (T to 10:30) Phys 6SY lab (Th to 10:30) Phys 7SV lab (T to 10:30) Phys 7SY lab (Th to 10:30)

• This course extends over a term of sixteen weeks.

MORNING CLASSES

7:10	8:10	9:10	10:10	11:10
Bus Adm 52xA Bus Adm 145 Hist 39 (at 7) Pol Sc 9A Pol Sc 117 Span 1A Span 5A	Bus Adm 51A Bus Adm 172x Chem 11K lab (TWThF to 10) Econ 2x Eng A-sect A Eng 1A Eng 2xA Eng 51A Fr 1A Fr 5A Hist 40x (at 8) Math 12xA Math 19A ME 111 (MTThF 8:45-10) Phar 21 (MTWTh) Pol Sc 9B Psych 1A Soc 125 Span 1B Span 2xA Span 5B Speech 1A Stat 51N lab (MW 8-9:30)	Biol 1B lab (TTh to 11) Biol 1B trip (WF to 12) Bot 1A (TWThF) Bus Adm 155 Chem 11L rec (TTh) Chem 21K lab (TWThF to 12) Chem 151 (MWF) Chem 151K lab (TTh to 12) CE 25A (MTWTh) Econ 1A Ed 121 (MTWTh) Eng 1B Eng 22B Eng 9 Fr 2xA Fr 5B Fr 109A Ger 2x Hist 174x Math 19B Math 20xA Math 139 Phar 21 lab (MTWTh to 12) Pol Sc 10x	Bot 2x (MTThF) Chem 11A (TWThF) Chem 11L lab (TWThF to 12) Econ 1B Econ 105 Eng A-sect B Eng 1C Eng 2xC Eng 10x Eng 129 Fr 6xA Fr 135 Geog 1 Ger 1A Hist 175 Law 101 (MTWTh to 12) Law 141xA (MWF to 12) Law 231 (MTWTh to 12) Law 241 (MWF to 12) Law 311 (MTWTh to 12) Math 3A Math 6xA Math 12xB	Bot 1B (MTThF) Bot 2x lab (MTThF to 12) Bus Adm 51B Bus Adm 115 Chem 11K rec (TTh) Chem 151 (MWF) CE 2xA (TWThF) Econ 101 Eng 1D Eng 2xD Eng 91 Eng 176x Eng 184x Ger 5A Hist 120x Hist 171 Math 3B Math 20xB ME 13 (MTThF) Phil 1 Psych 2xA Psych 125 Soc 27A Span 5C Speech 11A Zoo 1R lab (MTWTh to 1)

* Classes meet Monday through Friday unless otherwise indicated.

† Courses in the Law School extend to July 26, except for Law 141 and 241 which extend to August 9.

FIRST SESSION—MORNING CLASSES (continued)

7:10	8:10	9:10	10:10	11:10
		Pol Sc 181 Psych 196x Soc 133 Span 1C Span 2xB Span 6xA Span 109A Speech 1B Speech 2x Stat 52xA	Phil 111 Psych 22x Psych 131 Span 1D Span 6xB Span 135 Speech 1C Stat 51A	

AFTERNOON CLASSES

12:10	1:10	2:10	3:10
Bot 1B lab (MTThF to 1) Chem 11B (TWThF) Eng 71A	Biol 1A and B (MW) Biol 1A trip (TTh to 4) Bot 1C (MTThF) Chem 11M lab (TWThF to 3) Chem 21 (TWThF) CE 141 (MTWF) EE 9A (1 to 2) Psych 2xB Psych 116xA Zoo 1A (MTWTh)	Biol 1A lab (MW to 4) Bot 1A lab (TTh to 4) Bot 1C lab (MTh to 4) Bot 5 (WF) Bot 5 trip or lab (T to 5) Chem 11N rec (WF) Chem 21M lab (TWThF to 5) Chem 151M lab (TTh to 5) CE 141 lab (WF to 5) Phys 55A (TTh to 5:30) Phys 55B (WF to 5:30) Psych 1B Psych 132x (TTh) Psych 191 (MWF to 4:30) Stat 51M lab (MW 2-3:30) Zoo 1S lab (MTWTh to 4) Zoo 141 (MW)	Bot 5 trip or lab (WF to 5) Chem 11M rec (WF) Chem 11N lab (TWThF to 5) Zoo 141 lab (MTWTh to 5)

EVENING CLASSES

5:10	6:10	7:10	8:10
Eng 1E Eng 2xE Math 12xC Math 19C	Bus Adm 51C Bus Adm 101 Bus Adm 151 CE 2xB (TWThF) CE 25B (MTWTh) Econ 1C Econ 121 Econ 146x EE 9B (6-7) Eng A-sect C Eng 1F Eng 2xF Eng 71B Eng 122x Fr 5C Fr 109 B Ger 1B Hist 181 Law 137 Law 141B (MWF 6:20-8) Law 239 (Th 6:20-8) Law 251 (MTWTh 6:20-8) Law 253 (MW 6:20-8) Math 3C Math 6xB Math 19D	Bus Adm 52xB Bus Adm 171 Econ 180x Ed 248x (MW to 9:10) Ed 271 (Th to 9:10) Ed 279 (Th to 9:10) Ed 286x (MW to 9:10) EE 13 (MF) EE 17 (MF) EE 133 (MF) Eng A-sect D Eng 1G Eng 2rG Eng 51B Eng 222x (Th 7-10) Fr 1B Fr 2xB Fr 6xB Geog 101 Ger 5B Hist 182x Math 3D Math 12xD Math 202C Pol Sc 111	Hist 281 (Th 8-10) Pol Sc 281 (MW) Psych 211 (MWF 8:40-10) Stat 51N lab (MW 8-9:30) Stat 115 lab (Th 8-9:30)

FIRST SESSION—EVENING CLASSES (Continued)

5:10	6:10	7:10	8:10
	Math 132x Phil 180x Pol Sc 9C Psych 1C Psych 116xB Soc 27B Span 1E Span 2xC Span 109B Span 141 Speech 1D Speech 11B Stat 51B Stat 117 Stat 202x Zoo 1B (MTWTh) Zoo 144x (MW)	Psych 172x (MWF to 8:30) Psych 227 (Th to 9:10) Soc 126x Span 2xD Span 5D Span 142x Speech 1E Stat 52xB Stat 115 Zoo 1T lab (MTWTh to 9) Zoo 144x lab (MTWTh to 9)	

SECOND SESSION *—JULY 25 to SEPTEMBER 12 †

MORNING CLASSES

7:10	8:10	9:10	10:10	11:10
Bus Adm 52A Bus Adm 128 Hist 71x (at 7) Pol Sc 10A Pol Sc 129x Span 2A Span 6A	Bus Adm 52B Bus Adm 102 Chem 12K lab (TWThF to 10) Econ 1x Eng 1xA Eng 2A Eng 52A Fr 2A Fr 6A Hist 72 (at 8) Math 19xA Math 20A ME 112 (MTThF 8:45-10) Phar 22 (MTWTh) Psych 2A Span 2B Span 5xA Span 6B Speech 1xA	Biol 2B lab (TTh to 11) Biol 2B trip (WF to 12) Bot 2A (TWThF) Bus Adm 165x (TTh) Chem 12L lab (TWThF to 12) Chem 152 (MWF) Chem 152K lab (TTh to 12) CE 26A (MTWTh) Econ 2A Ed 122 (MTWTh) Eng 1xB Eng 2B Eng 10 Eng 152 Fr 5xA Fr 6B Fr 110A Fr 110A Hist 144	Chem 12A (TWThF) Chem 12L lab (TWTh to 12) Econ 2B Eng A-sect B Eng 1xC Eng 2C Eng 9x Eng 162 Eng 178 Fr 136 Geog 2 Ger 2A Hist 140 Law 122A (MTWTh) Law 122A to 12) Law 246A (MTWTh to 12) Law 352 (MTWTh to 12) Math 6A Math 12A	Bot 2B (MTThF) Bus Adm 51xA Chem 12K rec (TTh) Chem 152 (MWF) Eng 1xD Eng 2D Eng 92 Eng 140 Eng 175x Ger 6A Hist 147x Math 6B ME 14 (MTThF) Phil 2 Psych 131x Soc 28A Span 6C Speech 112A Zoo 2R lab (MTWTh to 1)

* Classes meet Monday through Friday unless otherwise indicated.

† Courses in the Law School extend from July 28 to September 20.

SECOND SESSION—MORNING CLASSES (continued)

7:10	8:10	9:10	10:10	11:10
		Math 3xA Math 20B Math 132 Phar 22 lab (MTWTh to 12) Pol Sc 9x Pol Sc 182 Psych 1xA Psych 116 Span 2C Span 110A Speech 1xB Speech 2 Stat 51xA	Math 10xB Phil 112 Pol Sc 127x Psych 151x Soc 136 Span 2D Span 5xB Span 136 Speech 1xC Stat 52A	

AFTERNOON CLASSES

12:10	1:10	2:10	3:10
Bot 2B lab (MTThF to 1) Chem 12B (TWThF) Eng 72A (at 12)	Biol 2A and B (MW) Biol 2A trip (TTh to 4) Chem 12M lab (TWThF to 3) Chem 22 (TWThF) CE 140A (TTh to 4) CE 142 (MTWF) EE 10A Psych 121x Zoo 2A (MTWTh)	Biol 2A lab (MW to 4) Bot 2A lab (TTh to 4) Chem 12N rec (WF) Chem 22M lab (TWThF to 5) Chem 152M lab (TTh to 5) CE 142 lab (WF to 5) Phys 8A (TWThF) Stat 51xM lab (MW 2-3:30) Zoo 2S lab (MTWTh to 4) Zoo 142 (MW)	Chem 12M rec (WF) Chem 12N lab (TWThF to 5) Zoo 142 lab (MTWTh to 5)

EVENING CLASSES

5:10	6:10	7:10	8:10
Eng 1xE Eng 2xE Math 19xC Zoo 137x (MW)	Bus Adm 52C Bus Adm 152 Bus Adm 155x CE 26B (MTWTh) Econ 2C Econ 101x Econ 122 EE 10B Eng A—sect C Eng 1xF Eng 2F Eng 72B Eng 142 Fr 6C Fr 110B Ger 2B Hist 162 Law 106 (MTWTh 6:20-8) Law 122B (MTWTh 6:20-8) Law 246B (MTWTh 6:20-8) Law 262 (MTWTh 6:20-8)	Bus Adm 51xB Bus Adm 115x Econ 108 Econ 166 Ed 230 (TTh to 9:10) Ed 255x (MW to 9:10) EE 14 (MF) EE 18 (MF) EE 134 (MF) Eng A—sect D Eng 1xG Eng 2G Eng 52B Fr 2B Fr 5xB Geog 115x Ger 6B Hist 164 Math 6D Math 19xD Math 125x	CE 140B (TTh to 11) Hist 282 (TTh 8-10) Stat 51xN lab (MW 8-9:30) Stat 116 lab (TTh 8-9:30) Stat 160

SECOND SESSION—EVENING CLASSES (continued)

5:10	6:10	7:10	8:10
	Math 3xB Math 6C Math 12B Math 20C Phys 8B (TWThF) Pol Sc 10B Psych 1xB Psych 2B Soc 28B Span 2E Span 5xC Span 110B Speech 1xD Speech 11xB Stat 52B Stat 118 Zoo 2B (MTWTh) Zoo 137x lab (MTWTh to 8)	Phil 163x Phys 232 Pol Sc 171x Psych 144 (MWF to 8:30) Psych 156 (MWF to 8:30) Psych 230 (Th to 9:10) Span 5xD Span 6D Speech 1xE Speech 1xB Stat 116 Zoo 2T lab (MTWTh to 9)	

Special Six-Week Session—June 30 to August 8

EDUCATION

8-9 A.M.	9:10-10:10 A.M.	10:20-11:20 A.M.	11:30 A.M.-12:30 P.M.	1-2 P.M.	6-8 P.M.
Ed 109 (MTWTh) Ed 217 Ed 252	Ed 115 Ed 231	Ed 125 Ed 272	Ed 207 Ed 285	Ed 295	Ed 249 (TTh)

INDEX

- Academic Credit, 20
- Administration, officers of, 4
- Admission, 15-16, 25, 26, 27, 28, 29
- Associate in Arts, degree of, 23
- Auditors, 17
- Bachelor of Arts, degree of, 25, 26
- Bachelor of Science, degree of, 25, 26
- Biology, courses in, 34
- Botany, courses in, 34-35
- Business Administration, courses in, 35-37
- Calendar of the Summer Sessions, vi
- Chemistry, courses in, 37-39
- Civil Engineering, courses in, 39-40
- Columbian College, 25-27
- Combined curricula, Bachelor of Arts—Doctor of Medicine, 25
- Courses of instruction, 31-66
- Credit:
 - Indication of in course descriptions, 33
 - Maximum for Summer Sessions, 20
- Deans and Directors, 4
- Doctor of Education, degree of, 28
- Doctor of Philosophy, degree of, 27
- Economics, courses in, 40-41
- Education:
 - Courses in, 41-43
 - School of, 28
- Electrical Engineering, courses in, 44
- Engineering:
 - Courses in, 39-40, 44, 53-54
 - School of, 27
- English, courses in, 45-47
- Faculty of the Summer Sessions, 11-14
- Fees and financial regulations, 17-19
- Foreign Service Review Course, 29
- French, courses in, 59, 60-61
- Geography, courses in, 47
- German, courses in, 48
- Government, School of, 28-29
- Graduate Council, 27
- History, courses in, 48-50
- Hospital services, 17-18
- Junior College, 25
- Law:
 - Courses in, 50-52
 - School of, 27
- Library facilities, 6-7
- Living accommodations and costs, 19-20
- Master of Arts, degree of, 25-26
- Master of Science, degree of, 25, 26
- Mathematics, courses in, 52-53
- Mechanical Engineering, courses in, 53-54
- Medical services, 17-18
- Officers of Administration, 4
- Pharmacy:
 - Courses in, 54
 - School of, 28
- Philosophy, courses in, 54
- Physics, courses in, 54-56
- Political Science, courses in, 56-57
- Psychology, courses in, 57-59
- Refund of tuition, 18-19
- Registration, 16-17
- Regulations, 20
- Romance Languages, courses in, 59-60
- Schedule of courses, 67-81
- Spanish, courses in, 60, 61, 62
- Special Students, Division of, 29
- Speech, courses in, 63
- Staff of Instruction, 11-14
- Statistics, courses in, 64-65
- Student life, 19-20
- Trustees, Board of, 3
- University Students, Division of, 29
- University history, organization, academic status, location, educational facilities, 5-7
- Withdrawal from the University, 18-19
- Zoology, courses in, 65-66

THE LAW SCHOOL

1947-48

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CONTENTS

	PAGE
CALENDAR OF THE LAW SCHOOL.....	vi
THE UNIVERSITY	I
The Board of Trustees.....	3
Officers of Administration.....	4
History and Organization.....	5
THE LAW SCHOOL.....	7
The Faculty	9
General Information	12
Admission	15
Registration	17
Fees and Financial Regulations.....	17
Scholarships, Prizes, Loan Funds.....	19
Regulations	20
Student Life	22
The Degrees	23
COURSES OF INSTRUCTION IN LAW.....	27
DEGREES CONFERRED, 1946-47.....	35
STUDENTS REGISTERED, 1946-47.....	37
SUMMARIES OF REGISTRATION, 1946-47.....	54
INDEX	58

CALENDAR

1947-48

Date	Day	Occasion
1947		
Fall Term:		
Sept. 24 and 25....	Wednesday and Thursday	Registration of students registered winter or summer term
Sept. 26.....	Friday	1947 Registration of new students
Sept. 27.....	Saturday	General registration
Sept. 29.....	Monday	Fall term begins
Nov. 27-29.....	Thursday through Saturday	Thanksgiving recess
Dec. 22-Jan. 1....	Monday through Thursday	Christmas recess
1948		
Jan. 2.....	Friday	Classes resume
Jan. 2 and 3.....	Friday and Saturday.	Preregistration of students registered in the fall term
Jan. 22-31.....	Thursday through Saturday	Fall term examination period
Jan. 30 and 31....	Friday and Saturday.	Registration of new students
Winter Term:		
Feb. 2.....	Monday	Winter term begins
Feb. 23.....	Monday	Winter convocation. Holiday
March 26 and 27..	Friday and Saturday.	Easter recess
May 3.....	Monday	Summer-term preregistration for students registered in the winter term
May 12-22.....	Wednesday through Saturday	Winter term examination period
May 23.....	Sunday	Baccalaureate Sermon
May 26.....	Wednesday	Commencement
Summer Term:		
June 1.....	Tuesday	Registration of new students the first session
June 2.....	Wednesday	First-session classes begin
July 5.....	Monday	Independence Day. Holiday
July 24.....	Saturday	First summer session ends
July 26.....	Monday	Registration for the second session
July 27.....	Tuesday	Second-session classes begin
Sept. 6.....	Monday	Labor Day. Holiday
Sept. 18.....	Saturday	Second summer session ends
Sept. 22-25.....	Wednesday through Saturday	Registration for the fall term the academic year 1948-49

THE UNIVERSITY

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The Board of Trustees of the University is composed of the President of the University ex officio and the following persons by election:

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Ella Cooper Thomas, LL.B., *Assistant Librarian in Charge of the Law
Library*

THE UNIVERSITY

HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

The George Washington University operates under a charter granted by an act of Congress of February 9, 1821, to Columbian College in the District of Columbia. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; Columbian College, the senior college of liberal arts, which offers work leading to the Bachelor's and Master's degrees; the Graduate Council, which offers work leading to the degree of Doctor of Philosophy; the professional schools, which include Medicine, Law, Engineering, Pharmacy, Education, and Government; the Division of University Students; the Division of Special Students; and the Summer Sessions.

ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association.

LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are the buildings housing the offices of many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by; and the Capitol, the Library of Congress, the National Archives, and National Gallery of Art are readily accessible.

THE LAW SCHOOL

THE LAW SCHOOL

THE FACULTY

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University*
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Dean of the Law School*

EMERITUS FACULTY

WALTER COLLINS CLEPHANE

Professor Emeritus of Law

LL.B. 1889, LL.M. 1890, LL.D. 1932, The George Washington University. Member 1899- Committee on Admissions and Grievances, District Court of the United States for the District of Columbia; Member 1906- , Conference of Commissioners on Uniform State Laws. In Practice of Law 1889- , now Member of Clephane, Latimer and Hall, Washington (D. C.); Instructor in Moot Court 1899-1900, Professor of Law 1900-36, Professor Emeritus of Law 1936- , The George Washington University.

GILBERT LEWIS HALL

Professor Emeritus of Law

A.B. 1890, Swarthmore College; LL.B. 1918, The George Washington University. Teacher and Division Superintendent of Schools 1901-10, P. I.; with U. S. Indian Service 1912-18; in Practice of Law with Clephane and Latimer, Washington (D. C.) 1918-36; Member 1916- , Clephane, Latimer and Hall, Washington (D. C.); Lecturer in Law 1920-38, Adjunct Professor of Law 1938-42, Professor Emeritus of Law 1942- , The George Washington University.

JOHN WILMER LATIMER

Professor Emeritus of Law

LL.B. 1897, The George Washington University. In Practice of Law 1906-13, 1917- ; Judge 1913-17, Juvenile Court of the District of Columbia; Member 1918- , Clephane, Latimer and Hall, Washington (D. C.); Clerk of the Moot Court 1904-7, Instructor in Law 1908-9, Assistant Professor of Law 1910-13, Professor of Law 1913-42, Professor Emeritus of Law 1942- , The George Washington University.

WALTER LEWIS MOLL

Professor Emeritus of Law

A.B. 1898, Concordia College (Ind.); Graduate 1899, Concordia Theological Seminary (St. Louis); LL.B. 1923, Indiana University; S.J.D. 1924, Harvard University. University Scholar 1902-3, University Fellow 1903-4, Johns Hopkins University; Professor of English 1904-9, Professor of Greek 1909-20, Concordia College (Ind.); in Practice of Law with Olds & Thomas, Fort Wayne (Ind.) 1920-22; Instructor in Commercial Law 1920-21, Instructor in Law 1921-23, Indiana University; Professor of Law 1924-43; Professor Emeritus of Law 1943- , The George Washington University.

HECTOR GALLOWAY SPAULDING

Professor Emeritus of Law

B.S. 1900, University of Minnesota; LL.B. 1903, S.J.D. 1924, Harvard University. Acting Assistant Professor of Law 1914-15, Stanford University; in Practice of Law with Ritch, Woodford, Bovee and Butcher, New York City; with Cassoday, Butler, Lamb and Foster, Chicago; Assistant Professor of Law 1920-22, Professor of Law 1922-47, Professor Emeritus of Law 1947- , The George Washington University.

WENDELL PHILLIPS STAFFORD

Professor Emeritus of Law

LL.B. 1883, Boston University; A.M. 1901, Dartmouth College; LL.D. 1905, Litt.D. 1929, University of Vermont; LL.D. 1906, Georgetown University; Litt.D. 1910, Middlebury College; Litt.D. 1916, The George Washington University. Judge 1900-1904, Supreme Court of Vermont; Associate Justice 1904-11, Supreme Court of the District of Columbia; Lecturer on Agency 1904-6, Georgetown University; Professor of Law 1908-29, Professor Emeritus of Law 1929- , The George Washington University.

ACTIVE FACULTY

LEVI RUSSELL ALDEN

Adjunct Professor of Law

A.B. 1903, A.M. 1904, LL.B. 1906, The George Washington University. A.M. 1907, Harvard University. In Practice of Law 1908- , Washington (D. C.); Assistant in History 1903-4, Instructor in History 1904-6, Assistant Professor of History 1911-20, Assistant Professor of Commercial Law 1913-22, Professor of Commercial Law 1922-28, Lecturer on Admiralty 1920-38, Adjunct Professor of Law 1938- , The George Washington University.

Subject: Admiralty

CARVILLE DICKINSON BENSON

Professor of Law

A.B. 1920, Johns Hopkins University; LL.B. 1923, S.J.D. 1926, Harvard University. In Practice of Law with Benson, Nock & Rowe, Baltimore (Md.) 1923-25; Assistant Professor of Law 1926-29, Emory University; Assistant Professor of Law 1929-33, Associate Professor of Law 1933-43, Professor of Law 1943- , The George Washington University.

Subjects: Judicial Process, Property, Wills

CONWAY PEYTON COE

Adjunct Professor of Law

A.B. 1918, Randolph-Macon College; LL.B. 1922, The George Washington University. Assistant Examiner 1918-23, U. S. Patent Office; in Practice of Law 1923-33; U. S. Commissioner of Patents 1933- ; Adjunct Professor of Law 1937- , The George Washington University.

Subject: Patent Moot Court

CHARLES SAGER COLLIER

Professor of Law

A.B. 1911, LL.B. 1915, S.J.D. 1932, Harvard University. In Practice of Law with Rounds, Schurman and Dwight (later Hughes, Schurman and Dwight), New York City 1915-19; Member Staff 1918-19, Cornell University Law School; Ezra Ripley Thayer Teaching Fellow 1931-32, Harvard University Law School; Member Faculty, Second Semester 1935-36, University of Wisconsin Law School; Assistant Professor of Law 1918-21, Acting Dean of the Law School 1930-31, Professor of Law 1931- , The George Washington University.

Subjects: Constitutional Law, Jurisprudence, Public Utilities, Taxation

WILLIAM RANDALL COMPTON

Professorial Lecturer in Law

LL.B. 1928, Union University (N. Y.); M.B.A. 1931, Harvard University; J.S.D. 1933, Cornell University. Clerk to Committee on Labor and Industry 1925-28, New York State Senate; Dean and Professor of Business Administration 1931-32, Green Mountain Junior College; in Practice of Law with McDowell and McDowell 1934-35, Elmira (N. Y.); Assistant Professor of Law 1935-40, Associate Professor of Law 1940-46, Professorial Lecturer in Law 1946- , The George Washington University.

Subject: Business Administration

GEORGE BOWDOIN CRAIGHILL

Adjunct Professor of Law

A.B. 1903, University of the South; LL.B. 1906, Georgetown University. Member McKenney, Flannery and Craighill; Lecturer 1914-24, Washington College of Law; Adjunct Professor of Law 1939- , The George Washington University.

Subject: Moot Court

JAMES FORRESTER DAVISON

Professor of Law; Editor-in-Chief of the Law Review

A.B. 1921, LL.B. 1923, Dalhousie University; LL.M. 1924, S.J.D. 1929, Harvard University. Lecturer in Roman Law and Jurisprudence, 1924-28, Assistant Professor of Roman Law and Jurisprudence 1928-29, University of Toronto; Brandeis Research Fellow 1928-29, Research Fellow 1929-30, Harvard University; Assistant Professor of Law 1930-36, Associate Professor of Law 1936-45, Professor of Law 1945- , The George Washington University; Editor-in-Chief 1946- , The George Washington Law Review.

Subjects: Administrative Law, Legislation, Public Utilities

HARRYMAN DORSEY

Associate Professor of Law

A.B. 1929, LL.B. 1931, The George Washington University. Practice of Law, 1912-42. Lecturer in Political Science 1937-38, The George Washington University. Captain, Judge Advocate General's Department, U. S. Army. Associate Professor of Law 1947-. The George Washington University.

Subjects: Judicial Process, Property I

JUSTIN LINCOLN EDGERTON

Lecturer in Law; Clerk of the Moot Court

A.B. 1929, LL.B. 1931, The George Washington University. In Practice of Law 1933-40, with Frank F. Nesbit, Washington (D. C.); Member 1930-, Nesbit, Pledger and Edgerton, Washington (D. C.); Clerk of the Moot Court 1936-, Associate in Law 1936-43, Lecturer in Law 1943-, The George Washington University.

Subject: Moot Court

WILLIAM THOMAS FRYER

Professor of Law

A.B. 1922, LL.B. 1924, The George Washington University; J.D. 1925, Yale University. In Practice of Law with William Pepper Constable, Baltimore (Md.) 1924-26; Assistant Professor of Law 1926-29, Associate Professor of Law 1929-40, Professor of Law 1940-, The George Washington University.

Subjects: Property, Civil Procedure, Evidence

JAMES ROBERT KIRKLAND

Adjunct Professor of Law

A.B. 1927, LL.B. 1928, LL.M. 1929, The George Washington University. Assistant U. S. Attorney for the District of Columbia 1929-34; Member 1938-, Cronchin, Townsend, Camalier and Kirkland, Washington (D. C.); Lecturer in Law 1934-45; Adjunct Professor of Law 1945-, The George Washington University.

Subject: Criminal Law

JOHN ALBERT MCINTIRE

Professorial Lecturer in Law

A.B. 1928, Wittenberg College; LL.B. 1931, University of Cincinnati; Research Fellow 1935-36, Harvard University Law School; Editor 1937-41, *Municipal Law Journal*; Executive Director 1937-41, National Institute of Municipal Law Officers; Faculty Editor-in-Chief 1932-42, *The George Washington Law Review*; Instructor in Law 1931-33, Assistant Professor of Law 1933-38, Associate Professor of Law 1938-46, Professorial Lecturer in Law 1946-, The George Washington University.

Subject: Municipal and Government Corporations

LEROY SORENSON MERRIFIELD

Assistant Professor of Law

A.B. 1918, LL.B. 1941, University of Minnesota, M.P.A. 1942, Harvard University. Administration Fellow, Graduate School of Public Administration, Harvard University 1941-42; Attorney, Office of Price Administration 1942; Attorney, Antitrust Division, U. S. Department of Justice 1946-47. Assistant Professor of Law 1947-, The George Washington University.

Subjects: Contracts, Judicial Process

CLARENCE ALTHA MILLER

Lecturer in Law

LL.B. 1919, LL.M. 1921, The George Washington University. General Counsel, The American Short Line Railroad Association; Lecturer in Law 1923-, The George Washington University.

Subject: Interstate Commerce Law and Procedure

JAMES WARD MORRIS

Adjunct Professor of Law

A.B. 1912, University of North Carolina. In Practice of Law 1913-33; Special Assistant to the Attorney General 1933-34; Assistant Attorney General of the United States 1935-39; Associate Justice 1939-, United States District Court for the District of Columbia; Adjunct Professor of Law 1939-, The George Washington University.

Subject: Moot Court

JAMES OLIVER MURDOCK*Professor of Law*

Ph.B. 1916, University of Chicago; LL.B. 1924, Harvard University. Student, Summer 1921, Academy of International Law at The Hague. In Practice of Law with Cadwallader, Wickersham and Taft 1924-25, New York City; Assistant U. S. Attorney 1925-27, Southern District of N. Y.; Assistant Solicitor and Assistant Legal Adviser 1927-36, U. S. Dept. State; Counsel for the United States 1929-33, International Joint Commission, United States-Canada; Secretary to American Delegation 1928-29, International Conference of American States on Conciliation and Arbitration; Counsel for United States 1931, United States-Sweden Arbitration; in Private Practice of Law 1937-; Lecturer in Law 1930-43, Adjunct Professor of Law 1943-46, Professor of Law 1946-, The George Washington University.

Subjects: Comparative Law, International Law, Criminal Law

SAUL CHESTERFIELD OPPENHEIM*Professor of Law*

A.B. 1918, A.M. 1920, Columbia University; J.D. 1926, S.J.D. 1929, University of Michigan. Instructor in Economics 1921-26, Teaching and Research Assistant to Dean of Law School 1926-27, University of Michigan; Assistant Professor of Law 1927-30, Associate Professor of Law 1930-40, Professor of Law 1940-, The George Washington University; Editor-in-Chief 1942-46, *The George Washington Law Review*.

Subjects: Negotiable Instruments, Sales, Trade Regulation

LAURENS HAMILTON RHINELANDER*Associate Professor of Law*

A.B. 1931, LL.B. 1936, Harvard University, B.A. 1933, University of Cambridge, England. In Practice of Law 1937-41, Attorney, Office of Production Management and War Production Board, 1941-45, Assistant General Counsel, Civilian Production Administration, 1945-47, Associate Professor of Law, 1947-, The George Washington University.

Subjects: Agency, Contracts

LOYD HALL SUTTON*Adjunct Professor of Law*

B.S. 1908, Massachusetts Institute of Technology; LL.B. 1913, The George Washington University. Assistant Instructor in Engineering 1908-9, Massachusetts Institute of Technology; Assistant Examiner 1909-16, U. S. Patent Office; in Practice of Law 1916-19, Member 1927-, Cameron, Kerkam & Sutton; Instructor 1914-17, Associate Professor 1917-35, Adjunct Professor of Law 1935-, The George Washington University.

Subject: Patent Law

WILLIAM CABELL VAN VLECK*Professor of Law; Dean of the Law School*

A.B. 1908, LL.B. 1911, The George Washington University; S.J.D. 1921, Harvard University. Member Summer Sessions Faculty 1924 and 1929 at University of Michigan, 1931 at Stanford University, 1934 at University of Chicago, one of the Advisers to the Reporter on Conflict of Laws 1926-34, American Law Institute; Research Fellow 1930-31, Harvard University Law School; Instructor in Law 1912-16, Assistant Professor of Law 1916-19, Professor of Law 1919-, Secretary of the Law School 1912-20, Acting Dean of the Law School 1923-24, Dean of the Law School 1924-, The George Washington University.

Subjects: Conflict of Laws, Torts

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* The President of the University and the Dean of the Law School are ex officio members of the council.

INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued and reorganized in 1865, is the oldest law school in the District of Columbia. Its course of instruction is planned to fit its graduates for the practice of law in any of the states of the United States. It is also designed to prepare students for public service as lawyers in the Federal Government or the governments of the states. In 1900 the School took part in the organization of the Association of American Law Schools and it has been a member of the Association since that time. The School is approved by the Council of Legal Education of the American Bar Association.

ORGANIZATION OF THE ACADEMIC YEAR

The work of the year is organized into three terms known as the fall term, winter term, and summer term. The work undertaken in any one term may be completed by the end of that term.

THE LIBRARY

The Law Library of 25,500 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the units of the Reporter System; the English Reprint and English Law Reports; the United States Statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all of the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks, casebooks, and legal periodicals.

The Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

THE LAW REVIEW

The George Washington Law Review, published by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to state and federal law. The location of the University in the National Capital, where federal public law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* is edited by a faculty editor-in-chief, a faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

RESEARCH IN PUBLIC LAW

Washington, the capital of the Nation, furnishes unsurpassed advantages for research in the fields of public law. In it are the offices of the major executive departments, the Congress, the Supreme Court of the United States, and lower federal courts. In the executive departments and among the many independent establishments of the Federal Government there have been estimated to be between seventy-five and one hundred agencies, the activities of which involve the various branches of public law, particularly administrative law. The student of public law can study at first hand the work of these administrative agencies. He also has available as sources for investigation their records of administrative adjudications.

Research in public law will be conducted under the supervision of members of the faculty. The purpose of this research is to furnish means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are candidates for the degree of Juris Doctor are eligible to pursue this work. Other students may be admitted with the special permission of the professor in charge.

COURSE OF STUDY FOR FOREIGN LAWYERS

This course of study is designed to meet the needs of lawyers who come from countries, the legal systems of which are based on the Roman or Civil Law. It attempts to provide for such students a course sufficient to enable them to acquire an understanding of the fundamentals of the common law so that they may work intelligently with common law materials and common law practitioners. In this program the students are not assigned to special classes but work in association with other students in the common law subjects. No fixed program of required courses is attempted, but for each student is worked out a program best adapted to his individual needs.

THE STUDENT BAR ASSOCIATION

Every student in the Law School is required to be a member of the Student Bar Association. This is organized to enable the student to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and

social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

Each member of the Student Bar Association receives a subscription to *The George Washington Law Review*.

PRACTICE AND PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the new Federal Rules of Civil Procedure. In addition each senior student is required to participate in the work of the practice or Moot Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is devoted exclusively to the trial of patent cases.

ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-seven law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship". The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

ADMISSION

APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return.

A recent photograph, with signature, of the applicant must be attached to the blank.

To insure prompt action, applications should be filed not later than July 1 for the fall term, January 1 for the winter term, and May 1 for the summer term.

The applicant must request the registrar of each higher institution previously attended to mail directly to the Office of the Director of Admissions the transcript of his record, *even though credits were not earned*, together with an honorable dismissal from the institution last attended. The student must be in good standing as to scholarship and conduct, and must be eligible to return to the previously attended institutions in the term for which he or she seeks admission to The George Washington University.

REQUIREMENTS FOR ADMISSION

For the Degrees in the Professional Course

Bachelor of Laws and Juris Doctor.*—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university.

ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted for work successfully completed in other law schools which are members of the Association of American Law Schools.

Applicants for admission with advanced standing must file certified transcripts of record showing high school, college, and law credits. The right is reserved to refuse such credit, in whole or in part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work. No student admitted with advanced standing will be recommended for the degree of Bachelor of Laws until he has completed in this School at least one full year of residence and passed successfully twenty-eight credit hours with the required average for the degree. No student will be admitted who has been in attendance at another law school and who is ineligible, because of poor scholarship, to return to that school.

Students planning to attend summer school sessions at other law schools and desiring to use credits obtained at such schools in their course at this Law School must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

Advanced standing toward the degree of Juris Doctor for work in other law schools will not be granted.

For the Degrees in the Graduate Course

*Master of Laws.**—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university and the degree of Bachelor of Laws, or the equivalent, from an approved law school.

Master of Comparative Law.—(1) The successful completion of and graduation from a course in arts, philosophy, letters, or sciences, equivalent to graduation from a gymnasium, lycee, or liceo (junior college); and (2) graduation in law from a recognized foreign university where the legal training was in Civil Law.

* No less than one-half the work necessary for graduation from an approved college or university will be accepted as satisfying the admission requirements for (1) regular students of the University in attendance during the 1947 winter term, (2) applicants for the degree of Bachelor of Laws or Master of Laws who have completed not less than 20 months of continuous service in the armed forces of the United States during World War II.

Doctor of Juridical Science.—(1) The degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from an approved law school, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Dean's Council of the Law School.

Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another approved law school may, at the discretion of the Dean, be admitted as an unclassified student. Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in the Law School until proper credentials have been filed and approved (see "Admission", above).

Registration is for the term or session only.

A late-registration fee of \$5 will be charged each student who is permitted to register after the regular registration days.

Registration may be changed only with the permission of the Dean.

FEES AND FINANCIAL REGULATIONS

Application fee	\$3.00
University fee, for each term or for any part thereof	8.00
For each session of the summer term or any part thereof	4.00
Tuition fee, for each credit hour	10.00
For the degree of Doctor of Juridical Science:	
For work leading to and including the final examinations	300.00
Student Bar Association fee, for each term, or any part thereof except the summer term	2.00
Graduation fee	20.00
Fee for special examinations, for each subject	5.00
Late-registration fee, charged each student who fails to register within the designated period	5.00
Service fee for late payment of tuition, see "Payment of Fees"	1.00
Reinstatement fee, charged each student who is reinstated after being suspended for delinquency in fees	5.00
Fee for printing and filing summary of doctoral thesis	50.00

UNIVERSITY FEE

Payment of the University fee covers all of the expenses incident to registration and, in addition, secures the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under "Health Administration", page 23. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dropped from the University.

PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

Subject to the approval of the Comptroller, a student may sign a contract for term charges, except for the University fee and other fees payable in advance, permitting payments as follows:

Fall Term.—One third at the time of registration, plus the University fee and deposits; one third on November 3; one third on December 3.

Winter Term.—One third at the time of registration, plus the University fee and deposits; one third on March 3; one third on April 3.

A student who fails to meet payments when due but who pays his fees on or before the tenth day of the month in which payment is due is charged a service fee of \$1. A student who fails to meet payments by the tenth day of the month in which payment is due will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5. A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the Dean.

WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the Dean. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

Fall Term.—Withdrawal dated on or before October 31, cancellation of the second and third payments; withdrawal dated on or before De-

cember 1, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to December 1.

Winter Term.—Withdrawal dated on or before February 28, cancellation of the second and third payments; withdrawal dated on or before March 31, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to March 31.

In no case will the University fee or any part of an initial payment of fees be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Charles Worthington Dorsey Memorial Scholarship.—This scholarship, established as a memorial to Charles Worthington Dorsey, Bachelor of Laws '81, Master of Laws '82, is awarded upon the recommendation of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor of Arts or other equivalent degree, who has maintained an average of *B* as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of *B*. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

All other scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Registrar of the University.

The following prizes are awarded annually in the Law School:

Ellsworth Prize.—The Ellsworth Prize of \$25, established by the late Mr. Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

John Bell Larner Prize.—This prize, established by the bequest of John Bell Larner, consists of a medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

John Ordronaux Prizes.—These prizes were established in 1909 by the bequest of John Ordronaux. The amount of \$35 is awarded annually to the student in the Law School who has attained the highest average grade in the first-year, full-time, regular course; and \$35 to the student who has attained the highest average grade in the second-year, full-time, regular course.

Through the generosity of friends of the University a number of loan funds are available to students in the Law School. Among them is the Henry Strong-William A. Maury Loan Fund established by the Henry Strong Educational Foundation in memory of Henry Strong and William A. Maury. Application for loans should be made to the Comptroller of the University.

REGULATIONS

Students in the Law School are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.

HOURS OF INSTRUCTION

Students without substantial outside employment may take a full-time program of studies between the hours of 9:00 A.M. and 1:00 P.M.

Students with substantial outside employment may take a limited program of studies in the evening classes which are held from 6:20 to 8:00 P.M.

ATTENDANCE

Regular attendance on classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Dean's Council, be barred from taking the examination in that subject.

RESIDENCE REQUIREMENTS

A year's attendance in the evening classes is counted as residence for three fourths of a year. A student admitted with advanced standing must complete at least one year of residence in this School and pass twenty-eight credit hours with the required average for the degree.

GRADES

At the end of each term each student is given a letter grade in each subject completed and a letter grade indicating the average for the term.

Grades are indicated by the letters *A*, excellent; *B*, good; *C*, satisfactory; *D*, poor—below standard for graduation; and *F*, failed.

The grades *A*, *B*, *C*, and *D*, mean that the work has been successfully completed and credit given for the subjects.

F, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of the academic year and received a grade of *F* in only one subject may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject.

EXAMINATIONS

Written examinations are held at the end of each term in all subjects. Every student is required to take the regular examinations in the subjects pursued, unless excused. No excuse for absence will be granted except by the Dean and then only for illness or other emergency. Application for excuse must be made in writing not later than one month after the date of the examination. A student thus excused may take the next regularly scheduled examination in the subject for which the excuse has been granted.

No special examinations will be given; except that, upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Dean's Council, be given a special examination.

EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP

A student who during an academic year fails in courses aggregating eight or more credit hours will be excluded. Such a student is not eligible to be registered in the Law School or to attend classes in the next academic year. He may, however, be admitted to the regular examinations in that academic year in those subjects in which he has made a grade below passing, and if he receives a grade of passing in these subjects with an average sufficient to make his general average not less than *C*, he will be reinstated at the beginning of the academic year next succeeding the passing of these examinations.

A student not subject to exclusion under the foregoing rule who at the end of an academic year has failed to maintain a general average of at least *C*, will be on probation during the next academic year. A student on probation may at the discretion of the Dean be required to reduce his program of study. A student on probation will be excluded at the end of the probationary year unless he has made grades sufficient to give him a general average of at least *C*.

The general average of a student includes all the grades in all the subjects taken while he is in the Law School working for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the general average.

In special cases in which it is clear that the student's failure does not indicate lack of ability to pursue the study of law, the student who has become subject to exclusion may be readmitted by vote of the Dean's Council of the Law School.

No student is put on probation or excluded because of the work of one term only, or as the result of a program of less than four hours a week during the academic year.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

RIGHT TO DROP STUDENTS

The right is reserved by the University to drop any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

STUDENT LIFE

LIVING ACCOMMODATIONS

Women Students.—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the women's residence halls, single rooms with breakfast and dinner are \$57 and \$60 a month; double rooms, with the same service, are \$50 and \$53 a month a person. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

Men Students.—A limited number of single and double rooms are provided for men students, in temporary dormitories. Residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Vacancies will be filled from the list of applicants, in accordance with the date of application. Single rooms are \$17 and \$18 a month; double rooms are \$12 and \$13 a month a person. Forms for application for room reservation may be obtained from the Director of Activities for Men.

PLACEMENT OFFICE

The Placement Office, in Columbian House, is maintained to assist graduates in finding positions for which their college work has prepared them.

Student Employment

In addition, an employment service is operated to assist the self-supporting student in finding full or part-time employment.

The prospective student who expects to earn any part of his expenses and who does not have a definite appointment to a position before coming to Washington should have the means of support for at least one term.

Many out-of-town students secure positions in the departments of the Government in Washington by taking the United States Civil Service examinations in their home states.

HEALTH ADMINISTRATION

The payment of the University fee entitles the student to health services hereinafter described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of every student entering from secondary school; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school year—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

THE DEGREES

IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed: a residence period of not less than three academic years on a full-

time basis (four years on a part-time basis) in an approved law school, the last year to be in this School; and eighty credit hours with a general average of at least *C*, in courses described on pages 29-34, including the course in Moot Court.

*Combined Degrees of Bachelor of Arts and Bachelor of Laws.**—A candidate for the combined degrees of Bachelor of Arts and Bachelor of Laws must: (1) complete three years of satisfactory college work; (2) fulfill the residence requirement of at least thirty credit hours of Columbian College, the School of Government, or the School of Education; (3) obtain the approval of the Dean of the college concerned at the time of entering the Law School; (4) complete, without a failure in any subject and with an average grade of not less than middle *C*, the work of the first year in the Law School. The degree of Bachelor of Arts will be conferred at the end of the first year in the Law School, provided the above conditions have been satisfied. The degree of Bachelor of Laws will be conferred upon the satisfactory completion of the law course. Law school work taken at another institution will not satisfy the law requirement for the combined degrees.

*Combined Degrees of Bachelor of Science in Engineering and Bachelor of Laws.**—For those students who desire to enter the branches of the legal profession in which a background in engineering is necessary a six-year curriculum is offered, leading to the combined degrees of Bachelor of Science in Engineering and Bachelor of Laws. A candidate for the combined degrees must conform to the residence and scholarship requirements of the School of Engineering throughout the period of preparation for the degree in engineering. His scholarship level for the junior and senior years must be acceptable to both the School of Engineering and the Law School. During the junior and senior years he must complete: (1) the required courses in engineering, (2) the 28 credit hours of courses required in the first year of the Law School, and (3) such electives as he needs to satisfy the 144 credit-hour requirement for the degree in engineering. The first year work in the Law School must be completed without a failure in any subject and with an average grade of not less than middle *C*. Upon the satisfactory completion of the senior year, the degree of Bachelor of Science in Engineering will be conferred. The student will then continue his studies in the Law School; upon the satisfactory completion of which the degree of Bachelor of Laws will be conferred.

REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full

* Registration for work toward the combined degrees is limited to (1) regular students of the University in attendance during the 1947 winter term, (2) applicants for the degree of Bachelor of Laws who have completed not less than 20 months of continuous service in the armed forces of the United States during World War II.

professional course of not less than three full years (four years on a part-time basis) including experience in research and legal authorship.

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years on a full-time basis (four years on a part-time basis) in the Law School; (2) eighty credit hours with a general average of at least *B*, in courses described on pages 29-34, including the course in Moot Court and either the course in Comparative Law or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the faculty. Students taking the combined Arts and Law or Engineering and Law course are not eligible for this degree.

HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded the student who obtains a general average of *A* in the work for the degree.

IN THE GRADUATE COURSE

These degrees are Master of Laws (LL.M.), Master of Comparative Law (M.Comp.L.), and Doctor of Juridical Science (S.J.D.).

REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed with a satisfactory average twenty credit hours of subjects in the graduate curriculum. In individual cases, third- or fourth-year subjects listed in the professional curriculum may be included in the program of study. All requirements for this degree must be completed in a period not exceeding two academic years.

REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed satisfactorily twenty-four credit hours of approved subjects in the curriculum of the Department of Law or of such other departments of the University as the faculty of the Law School shall approve.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have pursued a course of study and research designated by his consultative

committee and approved by the Dean's Council of the Law School. At the conclusion of his first year of residence or at such other time as the consultative committee may set, the candidate must pass an oral examination in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the faculty as may be assigned by the Dean.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his thesis in its final form and also a typewritten summary of the thesis consisting of not more than 2,500 words. To be acceptable the thesis must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Additional information will be supplied by the Dean.

The summaries of accepted theses will be printed in a volume forming a number of the University BULLETIN. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

The courses of instruction listed below are subject to change. The University reserves the right to withdraw any course announced.

The number which precedes the name of a course indicates the term in which that course is offered. An odd number indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (e.g., 241-42), that it begins in the fall and continues in the winter term.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third year courses, from 301 to 400; and graduate courses, from 401 to 500.

The number of hours of credit given for the satisfactory completion of a course is indicated in parentheses after the name of the course. Thus, a year course giving two hours of credit each term is marked (2-2), and a term course giving two hours of credit is marked (2).

101 *Agency* (4)

Rhineland

Problems of agency in the conduct of business. Morning.
Summer term 1947.

105 *Civil Procedure* (4)

Fryer

Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleading and Procedure*, 2d ed. Morning and evening sections.
Summer term 1947.

111 *Contracts* (4)

Rhineland, Merrifield

Promissory obligation: offer and acceptance, consideration, statute of frauds, formal instruments, rights of third parties, assignments, and joint obligation, conditions, performance, discharge. Williston, *Cases on Contracts*, 4th ed. Morning and evening sections.

123-24 *Criminal Law and Procedure* (2-2)

Murdock

Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Harno, *Cases and Materials*. Morning and evening sections.
Summer term 1947.

129 *Judicial Process* (4)

Benson, Dorsey, Merrifield

Introduction to the study of law; development of English courts, procedure, legal profession, and law books; organization of American courts and legal profession; use of law books; study of trial procedure. Benson and Fryer, *Readings on the Study of Law and the Anglo-American Legal System*. Morning and evening sections.

133 Property I (4)**Fryer, Dorsey**

Concepts of property, possession and ownership; legal relations with respect to chattels and documentary intangibles created by gift, sale, pledge, lien, bailment, etc. Fraser, *Cases on Property*, Vol. II, 2d ed.; Fryer, *Readings on Personal Property*, 3d ed. Morning and evening sections.

138 Property II (4)**Benson**

Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger; elementary study of remoteness and powers; adverse possession; prescription; natural rights. Fraser, *Cases on Property*, Vol. I and II, 2d ed. Morning and evening sections.

Summer term 1947.

142 Torts (4)**Van Vleck, Merrifield**

Civil liability for harms to legally protected interests. Thurston and Seavey, *Cases on Torts*. Morning and evening sections.

Summer term 1947.

213 Constitutional Law I (4)**Collier**

Historical introduction; judicial approach and methods; doctrine of the separation of powers; powers of the National Government; the federal system; relation of the state courts and the federal courts. Dodd, *Cases on Constitutional Law*, 3d ed. Morning and evening sections.

231 Equity (4)

Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; power of an equity court; effect of decrees, interpleader, bills of peace, cloud on title, rescission and reformation, mistake. Chafee and Simpson, *Cases on Equity*. Morning and evening sections.

Summer term 1947.

241 Property III (2)**Benson**

Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Kirkwood, *Cases on Conveyances*. Morning and evening sections.

Summer term 1947.

242 Evidence (4)**Fryer**

Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity and contents of writings. Morgan and Maguire, *Cases on Evidence*, 2d ed. Morning and evening sections.

Summer term 1947.

246 Negotiable Instruments (4)**Oppenheim**

Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Britton, *Cases on Negotiable Instruments*. Morning and evening sections.

Summer term 1947.

- 251 *Quasi Contracts* (2)
Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Thurston, *Cases on Restitution*. (Not offered in 1947-48.)
Summer term 1947.
- 254 *Wills* (2) Benson
Formation and revocation of wills; testate and intestate succession. Morning and evening sections.
Summer term 1947.
- 262 *Security Transactions* (4)
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. Sturges, *Cases on Security Transactions*, 3d ed.
Summer term 1947.
- 304 *Administrative Law I* (4) Davison
Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Frankfurter and Davison, *Cases on Administrative Law*. Morning and evening sections.
- 311-12 *Business Associations I* (2-2) Davison, Compton
Forms of business associations; legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Frey, *Cases on Business Associations*. Morning and evening sections.
Summer term 1947.
- 315 *Conflict of Laws* (4) Van Vleck
Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold, *Cases on Conflict of Laws*, 2d ed. Morning and evening sections.
- 321-22 *Current Decisions* (2-2) Davison
Required of, and limited to, members of the student staff of the Law Review.
- 326 *Federal Jurisdiction* (2) Davison
Constitutional origins and powers of federal courts; sources of law applicable to them; business and extent of jurisdiction of federal courts. Evening.
- 327 *Insurance* (2)
(Not offered in 1947-48.)
- 332 *Labor Law* (2)
Legality of collective labor action, of ends sought and means used; strike, picketing, boycott, trade agreements; labor injunctions; scope of federal jurisdiction. Landis and Manoff, *Cases on Labor Law*. Evening.

- 333-34 *Legislation (2-2)* Ellis
A study of the problems and principles of legislation. Evening.
- 335-36 *Moot Court (2-2)* Craighill, Morris, Kirkland, Edgerton
Open only to students who have completed fifty credit hours. Prerequisite: Law 105 and 242. Evening.
- 345-46 *Patent Law (2-2)* Sutton
Substantive patent law; patentability; revision, use, and enforcement of patents; Patent Office practice; Rules of Practice; appeal and interference procedure. Evening.
- 349-50 *Patent Moot Court (2-2)* Coe
This course may be elected instead of Law 335-36 to satisfy the Moot Court requirement. Both subjects may not be counted toward a degree. Evening.
- 351 *Public Utilities (4)*
Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. Welch, *Public Utilities*, 1946, 3d writing. Evening.
Summer term 1947.
- 353 *Domestic Relations (3)*
Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants; conflict of laws involving problems of marriage evasion and migratory divorce. Madden and Compton, *Cases on Domestic Relations*. (Not offered in 1947-48.)
Summer term 1947.
- 356 *Sales (2)* Oppenheim
Intention to transfer of property interest (specific, unascertained and future goods); specification and appropriation; cash and conditional sales; C.O.D., F.O.B., and C.I.F. shipments; negotiable bills of lading and warehouse receipts; trust receipts; fraud on seller, retention of possession and bulk sales; remedies of seller and buyer, including suit for price, stoppage in transit, seller's warranties; inspection.
- 372 *Taxation (4)* Collier
Emphasis on the federal estate tax and the federal income tax. Attention given state inheritance and income taxes. Problem of jurisdiction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, *Cases on Taxation*, 1941 ed. Morning and evening sections.
- 377 *Trade Regulation I (4)* Oppenheim
Unfair trade practices, combination and monopoly at common law and under various statutes; trade-marks; business torts; Sherman Anti-trust Act; Federal Trade Commission and Clayton Acts; marketing, price and patent practices; Fair Trade Acts; mergers; trade associations; remedies. Oppenheim, *Cases on Trade Regulation*. Morning and evening sections.

- 381-82 *Trusts (2-2)*
Nature, creation, elements, administration, termination, modification of trusts; charitable, resulting, construction trusts; liabilities of and to third persons; transfer of beneficiary's interest. Scott, Cases on Trusts, 3d ed. Morning and evening sections.
- 404 *Administrative Law II (4)* Davison
Research seminar course in special problems, including the study of specific administrative agencies, federal or state. Evening.
- 405 *Admiralty (2)* Alden
Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sayre, Cases on the Law of Admiralty. Evening.
- 411 *Business Associations II (4)*
Seminar; study of the historical background and functioning of the statutes involved in the work of the Securities and Exchange Commission. (Not offered in 1947-48.)
- 415-16 *Comparative Law (2)* Murdock
Historical and comparative study of some of the institutions and principles of the civil law (law of South and Central America and most of the Continent of Europe) compared with those of the common law; the influence of the former upon the latter. Morning and evening sections.
- 421 *Constitutional Law II (4)*
Research seminar in contemporary problems in constitutional law; special emphasis on interstate-commerce cases and due process of law. (Not offered in 1947-48.)
- 426-27 *Municipal and Government Corporations (2-2)* McIntire
Municipal corporations: organization, powers, functions and legal relations of local governmental units. Federal corporate agencies: organization, powers, functions, and legal relations of functional governmental units separately incorporated. Tooke and McIntire, Cases on Municipal Corporations. Evening.
- 431-32 *International Law (2-2)* Murdock
Customary and treaty rights and duties of states; diplomatic and consular agents; treaty interpretation; nationality laws; international courts; claims procedure; war; neutrality. Hudson, Cases on International Law, 2d ed. Evening.
- 434 *Interstate Commerce Commission Law and Procedure (2)* Miller
Interstate Commerce Act; the Interstate Commerce Commission; practice and procedure before the Commission. Evening.

- 435-36 *Jurisprudence (2-2)* Collier
History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law, sources and forms of law; the traditional element; analysis of general legal conceptions. Hall, Readings in Jurisprudence. Evening.
- 452 *Trade Regulation II (4)* Oppenheim
A research seminar in specific problems of trade regulation. Evening.

DEGREES CONFERRED

1946-47

BACHELOR OF LAWS

OCTOBER 15, 1946

Collier, Chester Wintthrop	Conn.	Phippen, Anne Peterson	Mass.
B.S. 1939, Trinity College		Rich, Edward Hunter	Idaho
Dalton, Virginia Lee	Wash.	Scanlon, Alfred Louis	D.C.
B.S. 1941, Wilson Teachers College		(With distinction)	
Davidson, James Campbell	Mo.	A.B. 1940, Columbia University	Va.
A.B. 1935, William Jewell College		Snyder, Martha Frances	
Edwards, James Edwin	Fla.	A.B. 1945, The George Washington University	
A.B. 1945, The George Washington University		Sparkman, Joseph Ben	Tex.
Garrett, Marie Gertrude	N.Y.	B.S. in M.E. 1942, Rice Institute	
B.S. 1936, New York University		Stanley, Laura May	Maine
Hassdile, Charles Edwin	N.C.	A.B. 1922, Colby College	
A.B. 1941, University of North Carolina		Steen, Ralph	D.C.
Jacobs, Wilma Jane	D.C.	A.B. 1945, The George Washington University	
A.B. 1941, Duke University		Vance, Harriet Taylor, Jr.	Ala.
Kine, Fred W.	Calif.	A.B. 1945, The George Washington University	
Knapf, Robert Frederick	D.C.	Zachry, William Brown, Jr.	Fla.
A.B. 1938, Duke University		A.B. 1941, University of Florida	
Myers, Robert Herbert	Md.		
A.B. 1945, Princeton University			
Newman, Allen Louis, Jr.	D.C.		
B.S. 1939, University of Virginia			

FEBRUARY 22, 1947

Balcom, Raymond Douglas	Mass.	Nolen, Edward Warren	Md.
A.B. 1941, Clark University		B.S. 1942, University of Maryland	
M.B.A. 1942, University of Michigan		Pear, Philip	D.C.
Bugay, Paul Leonard	Pa.	A.B. 1941, The George Washington University	
A.B. 1942, The George Washington University		Rashbury, James Thomas	Okl.
Busick, George Cabell	Va.	A.B. 1916, Michigan State Normal College	
A.B. 1941, The George Washington University		Rutherford, George Leslie, Jr.	N.Y.
Carrus, Edith Marie	N.J.	A.B. 1935, Hamilton College	
B.S. in L.S. 1940, New Jersey State Teachers College		Sacra, Wilbur Wilson, Jr.	Ky.
Curtis, Floyd John	Calif.	A.B. 1914, Murray State Teachers College	
Drivall, Andrew Bradford, Jr.	Md.	Smith, Quale Bowerman	Md.
A.B. 1942, Princeton University		A.B. 1940, Drake University	
Earp, Thomas Sumner	Va.	Tengwall, Leroy Oswald	N.Y.
A.B. 1939, Iowa College		A.B. 1938, University of Chattanooga	
Geary, Jesse Manning	Va.	Webster, John Mark	Minn.
Jukes, James Herbert Fielding	D.C.	B.S. 1942, University of Minnesota	
A.B. 1941, St. John's College		Woodside, Walter Wesley	Ill.
Karlow, Clifford	D.C.	Yost, Paul Nace	Pa.
A.B. 1945, The George Washington University		A.B. 1942, The George Washington University	
McMillan, George Michael	Utah	Young, R. Herndon, Jr.	Idaho
Menke, Bernard William	Nebr.	A.B. 1938, College of Idaho	
A.B. 1940, University of Nebraska			

JURIS DOCTOR

OCTOBER 15, 1946

Irish, Robert Godwin	N.Y.	Olson, Charles Paul	Utah
(With distinction)		B.S. 1939, Utah State Agricultural College	
B.S. in A.E. 1940, Cornell University			

MASTER OF LAWS

OCTOBER 15, 1946

Olsen, Elwood Harlan
A.B. 1938, Morningside College
J.D. 1941, University of Iowa

S.D. Patterson, Donald MacKelvy
B.S. in C.E. 1930, Bucknell University
J.D. 1944, The George Washington University

Va.

FEBRUARY 22, 1947

Pascuzzo, Julius Richard
LL.B. 1940, St. John's University

N.Y. Rynerson, Wendell
A.B. 1926, DePauw University
LL.B. 1929, Indiana University

Ind.

STUDENTS REGISTERED

SUMMER TERM 1946

FALL AND WINTER TERMS 1946-47

A

Abbott, Robert Sutton (LL.B.)
A.B. 1941, Kent State University
Abel, Leonard Leon (LL.B.)
Abrahamson, Seymour S. (LL.B.)
B.B.A. 1943, College of the City
of New York
Abney, Archie Lowell (LL.B.)
B.S. 1939, University of Illinois
Abramson, Milton Eli (LL.B.)
B.B.A. 1942, College of the City
of New York
Adler, Irving (LL.B.)
B.S. 1939, New York University
Ailes, Curtis, Jr. (LL.B.)
B.E.E. 1941, Ohio State University
Ainslie, George Colbert (LL.B.)
B.S. 1942, Rutgers University
Alawine, Alton Jackson (LL.B.)
Albright, Pentose Lucas (LL.B.)
Aldridge, Frederick Stokes (LL.B.)
A.B. 1939, Colgate University
Allen, Charles Rindson, Jr. (LL.B.)
B.S. 1941, Pennsylvania State College
Allen, Jonathan Harvey (LL.B.)
Alpar, Jacob (LL.B.)
Altmann, Andrew Taylor (LL.B.)
B.S. 1941, University of Maryland
Anderson, Eskel (LL.B.)
B.S. 1941, University of Alaska
Andrews, Burt Williams, Jr. (LL.B.)
A.B. 1942, The Citadel
Andrews, William Taylor (LL.B.)
B.E.E. 1944, The George Washington
University
Anthony, John Robert, Jr. (LL.B.)
B.S. 1938, University of Texas
Appar, Harry Emanuel, Jr. (LL.B.)
A.B. 1938, Lafayette College
Arnold, John Bentley (LL.B.)
B.S. in E.E. 1942, Rensselaer Poly-
technic Institute
Ashton, Rudolph Alexander (LL.B.)
Ayers, Theodore Aley (LL.B.)
A.B. 1941, University of Virginia

B

Bagby, Mary Lawton (LL.B.)
A.B. 1945, The George Washington
University
Bailey, David (Und.)
Bailey, Read Turner (LL.B.)
A.B. 1942, University of Maryland
Bailey, William Alfred (LL.B.)
Baker, Dorothea Anna (LL.B.)
Baker, Harold Fred (LL.B.)
Balcom, Raymond Douglas (LL.B.)
A.B. 1940, Clark University
M.B.A. 1942, University of Michigan

Bamford, David Ellery (LL.B.)
Barber, Frederick Willard (LL.B.)
A.B. 1941, The George Washington
University
Barber, John Raymond, Jr. (LL.B.)
A.B. 1941, Whitman College
Barcus, James Walsh (LL.B.)
Barger, Herman H. (LL.B.)
A.B. 1917, Harvard University
Barlow, Herbert Boutell, Jr. (LL.B.)
B.S. 1943, Brown University
Barnes, Frank Oakes (LL.B.)
Barr, John Lester, Jr. (LL.B.)
A.B. 1939, Harvard University
Baskin, Ruth Esther (LL.B.)
A.B. 1941, University of Pennsylvania
Bassener, Oliver Herbert (LL.B.)
LL.B. 1936, Marquette University
Batavia, Gabriel I. (LL.M.)
B.S. 1940, LL.B. 1941, New York
University
Bathory, Joseph Patrick (LL.B.)
Bauknight, William Cooper, Jr. (LL.B.)
B.S. 1942, University of Virginia
Bauserman, Charles Lemuel (LL.B.)
B.S. 1940, Virginia Polytechnic
Institute
Beall, Ward Hugo (LL.B.)
B.S. 1939, The George Washington
University
Beauchamp, John Philip, Jr. (LL.B.)
A.B. 1946, Brown University
Beckerley, William Henry (LL.B.)
Bedke, Herman Earl (LL.B.)
B.S. 1941, University of Utah
Bee, Max Culbertson (LL.B.)
A.B. 1944, Park College
Behun, Joseph Andrew (LL.B.)
Bell, Edward Leroy (LL.B.)
B.S. 1946, Illinois Institute of Tech-
nology
Bell, William Joseph Davis (LL.B.)
A.B. 1929, University of Wisconsin
Bellis, Tom (LL.B.)
A.B. 1929, Southeast Missouri State
Teachers College
M.S. 1931, University of Cincinnati
Benslow, Gene Thomas (LL.B.)
B.S. 1941, University of Maryland
Benedicto, Roberto Salas (LL.M.)
LL.B. 1933, University of the Philip-
pines
Bennett, James Pepper (LL.B.)
A.B. 1941, University of Florida
Bennett, William Tapley, Jr. (LL.B.)
A.B. 1937, University of Georgia
Bennison, Gordon Clark (LL.B.)
Bennison, Paul (LL.B.)
B.S.C. 1942, University of North
Dakota
Bene, Martin Donald (Spec.)
Benger, Martin (LL.B.)

Pa.
Calif.

Calif.

Md.
Mass.

R.I.

Md.
Md.

Fla.

Wis.

Md.

D.C.
D.C.

Va.

Va.

R.I.

Mich.
Idaho

Nebr.

Ohio
Ohio

Va.

Mo.

D.C.

P.I.

Fla.

Ga.

Utah
N.D.

Md.
Pa.

Bergren, Orville Vernon (LL.B.) B.S.C. 1940, University of North Dakota	Va.	Boyko, Edgar Paul (LL.M.) LL.B. 1945, University of Maryland	Md.
Berndtson, Arthur Henry (LL.B.) B.S. 1940, United States Naval Academy	Va.	Bradley, John Curtis (LL.B.) Bradley, Lawrence Duval, Jr. (LL.B.) B.S. 1942, United States Coast Guard Academy	Va. Calif.
Bernat, Louis Conrad (LL.B.) Berry, Alice Justine (LL.B.) A.B. 1941, Smith College	N.Y. Colo.	Bradshaw, William Dennis (LL.M.) A.B. 1933, Duke University LL.B. 1941, Georgetown University	Va.
Berry, Benjamin Franklin (LL.B.) A.B. 1941, University of Washington	Wash.	Brady, Mark Aloysius (LL.B.) Brain, William Herbert (LL.B.) B.S. 1944, University of Illinois	D.C. Ill.
Best, Crossett Mitchell (LL.B.) B.S. 1947, University of Alabama	Ark.	Bransons, Bruce Stringfellow (LL.B.) A.B. 1940, Virginia Military Institute	D.C.
Bidwell, Robert Gordon (LL.B.) B.S. 1938, United States Naval Academy	N.Y.	Breckinridge, John (LL.B.) A.B. 1941, The George Washington University	Mo.
Bie, Ellen Allan (LL.B.) Biesemeier, Harold Woodall (LL.B.) B.S. 1940, United States Naval Academy	Fla. D.C.	Brennan, John Wright (LL.B.) A.B. 1943, Catholic University of America	D.C.
Billingsley, Joseph Addison, Jr. (LL.B.) A.B. 1940, Washington and Lee University	Va.	Brickell, Carey Manuel, Jr. (LL.B.) B.S. 1945, Mississippi State College	Fla.
Binner, Mary Jane (LL.B.) A.B. 1941, Florida State College for Women	W.Va.	Brigadier, Egil (LL.B.) B.S.C. 1942, Temple University	D.C.
Birdsall, Sally May (LL.B.) A.B. 1946, State University of Iowa	Iowa	Brittin, Burdick Heinkel (LL.B.) A.B. 1940, Union College	Va.
Birdsell, John Edmund (LL.B.) A.B. 1946, The George Washington University	D.C.	Brock, John Roy (LL.B.) A.B. 1942, The George Washington University	Okl.
Biscoe, Betty Lee (LL.B.) A.B. 1945, University of Richmond	D.C.	Brodahl, Raymond Gilbert (LL.B.) B.S. 1947, Iowa State College of Agriculture and Mechanic Arts	Iowa
Bishop, Bruce Clay (LL.B.) B.B.A. 1949, University of Chattanooga	Tenn.	Browning, Paulos Powell, Jr. (LL.B.) B.S. 1941, University of Pennsylvania	D.C.
Black, Hiram Day (LL.B.) A.B. 1947, Yale University	Mass.	Brugger, Vernon Walter (LL.M.) B.S. in Ed. 1946, University of South Dakota	S.D.
Blackmon, E. B. (LL.B.) A.B. 1946, John E. Brown University	Ark.	LL.B. 1946, The George Washington University	
Blake, John Francis (LL.B.) B.S. 1943, University of San Francisco	Calif.	Bruno, Samuel Antonio (LL.B.) B.S. 1941, State Teachers College, Indiana, Pa.	Pa.
Blankenheimer, Bernard (LL.B.) A.B. 1941, Brooklyn College	N.Y.	Bryner, Leon Kirkpatrick (LL.B.) A.B. 1942, A.M. 1945, American University	Va.
Blanton, May Kathryn (LL.B.) B.S. 1945, Concord College	W.Va.	Buchanan, James Allison, Jr. (LL.B.) B.S. in M.E. 1944, Northwestern University	D.C.
Black, Burton Fred H. (LL.B.) Black, William Henry (LL.B.) Ph.B. 1940, University of Wisconsin	Calif. Wis.	Bucknam, Bettina (Uncl.) A.B. 1940, Stanford University	Mass.
Bloch, Charles Andrew (Uncl.) LL.B. 1941, University of Kansas City	Mo.	Bugay, Paul Edouard (LL.B.) A.B. 1942, The George Washington University	Pa.
Blodgett, Norman Stack (LL.B.) B.S. 1944, Worcester Polytechnic Institute	D.C.	Bullock, John Gernert (LL.B.) A.B. 1942, Oberlin College	N.Y.
Blondheim, Dorothy Hudson (LL.B.) A.B. 1944, Miami University	N.C.	Borch, Charles Augustus (LL.B.) B.S. 1937, United States Naval Academy	Md.
Blough, Hazel Ruth (LL.B.) Bobys, Harold Jerome (LL.B.) A.B. 1941, The George Washington University	D.C. D.C.	Borison, John Chapman (LL.B.) B.S. 1945, Colby College	Maine
Bolhaugen, Clifford Fred (LL.B.) Bollard, Isabelle M. (LL.B.) B.S. 1937, West Tennessee State Teachers College	D.C. Ill.	Burke, John Edward (LL.B.) B.S. 1934, Indiana University	Va.
Booth, Harold Leo (LL.B.) A.B. 1930, University of Pittsburgh	Wash.	Burr, Herbert Sidney (LL.M.) A.B. 1940, LL.B. 1944, Fordham University	N.Y.
B.D. 1935, University of Chicago		Borus, Walter William, Jr. (LL.B.) B.E.E. 1942, Cornell University	N.Y.
Booth, Emogene (LL.B.) Borchelt, Benjamin A. (LL.B.) B.S. 1941, The George Washington University	Ark. Mo.	Bush, Donald Cochran (LL.B.) Busick, George Cabell (LL.B.) A.B. 1941, The George Washington University	N.Y. Pa. Va.
Boromich, Lewis Edward (LL.B.) Boss, Edmund (LL.B.) Byer, Fred Yancy (LL.M.) LL.B. 1942, University of Texas	N.C. D.C. Tex.	Byrd, Harry Clifton, Jr. (LL.B.) B.S. 1936, University of Maryland	Md.

C

Cahill, William (LL.B.)	D.C.	Coates, Gladys Buchhorn (LL.B.)	Tex.
Cairns, Edna (LL.B.)	N.J.	B.B.A. 1944, University of Texas	
B.S. 1940, State Teachers College,		Coburn, William Hoffman (LL.B.)	Mont.
Trenton, N. J.		Coffey, Charles Shelby, Jr. (LL.B.)	Tenn.
Caldwell, Callia (LL.B.)	Md.	A.B. 1941, The George Washington	
Caldwell, Randolph Foster, Jr. (LL.B.)	Tenn.	University	
Callahan, Joseph Robert	Pa.	Cohn, Joseph Robert (LL.B.)	Conn.
Calomeris, William Basil (LL.B.)	D.C.	Cole, Wesley Stevenson (LL.B.)	Md.
A.B. 1946, The George Washington		M.E. 1932, Stevens Institute of	
University		Technology	
Camby, John Joseph (LL.B.)	Pa.	Coleman, Beverly Mosby (LL.M.)	Va.
B.S. 1941, Carnegie Institute of		LL.B. 1928, The George Washington	
Technology		University	
Cameron, Archie Enos (LL.B.)	D.C.	Coleman, Frederick William III (LL.B.)	D.C.
B.S. 1941, Ferns Institute		B.S. 1933, United States Military	
Camp, Robert Clifford (LL.B.)	Va.	Academy	
B.S. in E.E. 1939, Purdue University		Collett, Charles Ellsworth (LL.B.)	Minn.
Campbell, Donald Alfred (LL.B.)	Md.	Collett, William Anderson (LL.B.)	Mo.
Campbell, Roger Llewellyn (LL.B.)	Va.	A.B. 1946, Westminster College	
B.S. 1936, Newark College of Engi-		Collier, Chester Winthrop (LL.B.)	Conn.
neering		B.S. 1939, Trinity College, Conn.	
Campbell, William Robert (LL.B.)	Md.	Collins, Garner Fawcett (LL.B.)	D.C.
B.S. 1947, University of Maryland		Collins, Percy Henry (LL.B.)	Kans.
Carrabino, Joseph Dominic (LL.B.)	D.C.	B.S. 1941, University of Kansas	
B.S. 1944, Worcester Polytechnic In-		Connolly, Anne Marie (LL.B.)	Md.
stitute		A.B. 1938, Hunter College	
Carriker, Guy Homer (LL.B.)	D.C.	Consroe, Thomas Robert (LL.B.)	Va.
B.S. 1943, North Texas State Teach-		A.B. 1941, M.S. 1943, Syracuse	
ers College		University	
Carten, Leo A. (LL.M.)	D.C.	Constantz, J. C. (LL.B.)	Va.
B.S. 1934, Massachusetts Institute of		A.B. 1937, Culver-Stockton College	
Technology		Conway, Margaret Mary (LL.B.)	D.C.
LL.B. 1942, The George Washington		A.B. 1944, Marywood College	
University		Cook, Walter M. (LL.B.)	Ala.
Carter, Sidney (LL.B.)	N.Y.	Cooper, Wesley William (LL.B.)	D.C.
B.Chem.Eng. 1943, College of the		Cornett, Sanford Heyck (LL.B.)	Tex.
City of New York		A.B. 1946, Baylor University	
Cattaro, Marie Luise (LL.M.)	N.Y.	Cortez, Ezekiel Casimiro, Jr. (LL.B.)	N.M.
LL.B. 1944, Fordham University		A.B. 1943, New Mexico State	
Cavanagh, John Edward (LL.B.)	Oreg.	Teachers College	
A.B. 1941, University of Oregon		Costello, Richard Edward (LL.M.)	Calif.
Cefaratti, Donald, Jr. (LL.B.)	Pa.	LL.B. 1934, University of California	
A.B. 1940, University of Pittsburgh		Courtney, Marcia Ellen (LL.B.)	Wis.
Chaplinsky, Leo Eugene (LL.B.)	Pa.	A.B. 1942, University of Wisconsin	
Ph.B. 1942, Dickinson College		Couser, Christian, Rewoldt (LL.B.)	Conn.
Chauner, Milton Frank (LL.B.)	Mont.	Cowles, Calvin David (LL.B.)	Utah
B.S. 1938, Montana State College		B.S. 1946, University of Utah	
A.M. 1939, University of Michigan		Cox, Lewis Calvin, Jr. (LL.B.)	N.M.
I.A. 1943, Harvard University		Coyle, James Joseph (LL.B.)	Mont.
Chealow, Ernest (LL.B.)	N.Y.	Crafton, Paul Arthur (LL.B.)	N.Y.
B.Chem.Eng. 1939, College of the		B.M.E. 1944, College of the City	
City of New York		of New York	
Christie, Alfred III (LL.M.)	Md.	Craig, Alan Ward (LL.B.)	Conn.
A.B. 1939, LL.B. 1943, The George		Cravens, John Joe (LL.B.)	Ark.
Washington University		Crawford, Frank Sammons (LL.B.)	W.Va.
Christopherson, Olaf Warren (LL.B.)	Minn.	B.S. 1936, Virginia Polytechnic	
A.B. 1946, The George Washington		Institute	
University		Cross, Margaret John (LL.B.)	D.C.
Chudzik, John Stephen (LL.B.)	N.Y.	A.B. 1938, University of Illinois	
Church, Frederick Lewis, Jr. (LL.B.)	Va.	Crosswhite, Clyde Clair (LL.B.)	Kans.
B.S. 1943, American University		A.B. 1940, Municipal University of	
Cifelli, Armand (LL.B.)	N.J.	Wichita	
Clark, Charles Fulton (LL.B.)	Tex.	Croxton, Harry (LL.B.)	Ark.
A.B. 1940, The George Washington		A.B. 1943, University of Virginia	
University		Culver, Ralph J. (LL.B.)	D.C.
Clark, Frances Evarts (LL.B.)	D.C.	A.B. 1941, University of Maryland	
A.B. 1917, The George Washington		Curtis, Floyd John (LL.B.)	Calif.
University			
Clark, William (LL.B.)	D.C.	D	
Clay, Edna Lyllian (LL.B.)	Ala.	Daily, Henry Richmond (LL.B.)	N.J.
A.B. 1921, Tulane University		A.B. 1940, American University	
		Dalton, Virginia Lee (LL.B.)	D.C.
		B.S. 1941, Wilson Teachers College	

Daly, Madeleine Mulqueen (LL.B.) A.B. 1943, A.M. 1943, Bryn Mawr College	Conn.	Dodge, Austin Phelps (LL.B.) B.S. 1944, Massachusetts Institute of Technology	Md.
Darsch, Earl Clement (LL.B.) A.B. 1942, Western Maryland College	D.C.	Dollard, James (LL.B.) A.B. 1939, College of the City of New York	Md.
Dasteel, Robert (LL.B.) B.S. 1939, U. S. Naval Academy	Va.	Donahue, Thomas Gerald (LL.B.) B.S. 1943, Northwestern University	Ill.
Dauer, Maxwell (LL.B.) A.B. 1935, M.S. 1937, New York University	D.C.	Donnelly, Henry Joseph, Jr. (LL.B.) B.S. 1928, University of Pennsylvania	Va.
Davey, William Francis (LL.B.) David, Maurice Allen (LL.B.)	N.Y.	Donovan, Mary Elizabeth (LL.B.) B.S. 1942, University of Pittsburgh	Pa.
Davidson, James Campbell (LL.B.) A.B. 1935, William Jewell College	Ind.	Dorsett, Harold Lee (LL.M.) LL.B. 1942, The George Washington University	Md.
Davis, Donnell Preston (LL.B.) A.B. 1945, University of South Carolina	Mo.	Dorsey, Benjamin Henry (LL.B.) B.S. 1945, University of Pennsylvania	D.C.
Davis, Edwin Lanier (LL.B.) Davis, Fred Wilson (LL.B.)	W.Va.	Dorsey, William Henry, Jr. (LL.B.) A.B. 1943, University of Dayton	Va.
Davis, John Mason (LL.B.) B.S. 1940, University of Illinois	Fla.	Doty, Dale Edward (LL.B.) A.B. 1936, Pomona College	Calif.
Davis, Joseph Reid, Jr. (LL.B.) Davis, Roy Tasco, Jr. (LL.B.)	Tex.	A.M. 1938, University of Cincinnati Dougherty, Frank Robert (LL.B.)	Md.
A.B. 1937, University of Missouri	Pa.	A.B. 1945, The George Washington University	
Davis, Sadye Jane (LL.B.) Dawson, Howard Athalone (LL.B.)	D.C.	Douglas, George Ross, Jr. (LL.B.) B.S. 1946, University of South Carolina	Va.
B.S. 1947, University of North Carolina		Doyno, R. Veronica (LL.B.) A.B. 1943, University of Maryland	N.J.
Dawson, Roger Ralph (LL.B.) Day, Ernest Herbert (LL.B.)	Mont.	Drummond, Charles Manly, Jr. (LL.B.) A.B. 1940, The Citadel	Va.
A.B. 1941, Oberlin College	Ohio	Dubich, Joseph Michael (LL.B.) B.S. 1938, University of New Hampshire	Md.
Dean, John Joseph (LL.B.) A.B. 1941, The George Washington University	D.C.	Dubowsky, Sylvia Ruth (LL.B.) A.B. 1938, University of Cincinnati	Ohio
Deck, William Horace (LL.B.) B.S. 1942, University of Tennessee	D.C.	Dudley, Samuel Charles (LL.B.) B.E. 1938, Johns Hopkins University	D.C.
DeLong, Allen Rhodes (LL.B.) A.B. 1941, Washington and Lee University	D.C.	Dulaney, Benjamin Weems (LL.B.) A.B. 1945, University of Virginia	D.C.
DeLung, Harry Leonard (LL.B.) A.B. 1936, West Virginia University	W.Va.	Dunn, Francis Gill (LL.M.) LL.B. 1937, University of South Dakota	S.D.
Dennemeyer, John James (LL.B.) Denney, Howard Martin (LL.B.)	D.C.	Dunning, Alice Langley (LL.B.) A.B. 1943, Queens College	N.Y.
A.B. 1943, Ohio Wesleyan University	Md.	A.M. 1944, Clark University	
Dent, Richard Judson (LL.B.) DeRosa, Edward Francis (LL.B.)	Va.	Dunning, Worth Louis (LL.B.) Duval, Andrew Bradley (LL.B.)	Md.
Derr, Charles Ivan (LL.B.) A.B. 1939, Illinois Wesleyan University	Mass.	A.B. 1939, Princeton University	Md.
Derr, George Lewis (LL.M.) J.D. 1940, The George Washington University	Ill.	Dyreson, Albert Curtis (LL.B.) B.S. 1932, University of Wisconsin	Wis.
Derrick, Duane Greenwood (LL.B.) Deutsch, Morris Robert (LL.B.)	Pa.	Dyson, Sarah Oleda (LL.B.) A.B. 1943, John B. Stetson University	Fla.
Dickerson, Rollin Pete (LL.B.) Dietz, Robert Edward (LL.B.)	Utah		
B.E. 1945, Yale University	N.Y.		
Dillon, Edward Scott (LL.B.) B.S. 1932, University of Illinois	Md.		
Dimond, John Henry (LL.B.) A.B. 1941, Catholic University of America	Ky.		
Dineen, James Francis (LL.M.) Divine, William Robinson (LL.B.)	D.C.	Earnest, John Allen (LL.B.) B.S. 1943, Alabama Polytechnic Institute	D.C.
A.B. 1937, Pomona College	Alaska	Earp, Thomas Spencer (LL.B.) A.B. 1939, Elon College	Va.
A.M. 1939, University of Cincinnati	Mass.	Edgerton, John D. (LL.B.) Edmondson, Paul Clair (LL.B.)	D.C.
Dix, Clarice Belle (LL.B.) Doane, John Emil (LL.B.)	Va.	Edmondson, Samuel Wedding, Jr. (LL.B.) A.B. 1947, Emory and Henry College	Wash.
B.E.E. 1946, The George Washington University	D.C.	Edwards, Edith Rita (LL.B.) B.S. 1940, Columbia College	D.C.
Dobrowski, Frank Anthony (LL.B.) A.B. 1944, University of Scranton	Pa.	Edwards, James Edwin (LL.B.) A.B. 1935, The George Washington University	Fla.
		Edwards, John Elliott (LL.B.) A.B. 1933, Fordham University	Mich.

Eger, Roscoe Lynn, Jr. (LL.B.) B.S. 1942, Indiana University	Md.	Fleming, Charles A. (LL.M.) LL.B. 1941, Georgetown University	Nebr.
Ehlers, Joseph Henry (LL.B.) B.S. 1914, Trinity College	Calif.	Fleming, Lester Leroy (LL.B.) Flook, Meredith Austin (LL.B.)	D.C. Md.
Ehrlich, Bernard Ehrlich (LL.B.) Elliott, James Irving (LL.B.) A.B. 1946, Western Maryland University	D.C. Del.	A.B. 1932, University of Maryland Ford, William Everett (LL.M.) A.B. 1931, Agricultural and Mechanical College of Texas	Tex.
Elliott, Ralph Earle (LL.B.) Elliott, William Homer, Jr. (LL.B.) A.B. 1940, Wesleyan University	Ill. N.J.	J.D. 1937, Loyola University Forman, Edward (LL.B.) A.B. 1942, College of the City of New York	Va.
Ellis, John Flather (LL.B.) A.B. 1946, The George Washington University	D.C.	Forman, Leonard (LL.B.) B.S. 1940, College of the City of New York	N.Y.
Engelthaler, Fred Edward (LL.B.) B.S. 1938, Illinois Institute of Technology	Ill.	Foster, Earl, Jr. (LL.B.) A.B. 1940, University of Oklahoma	Okla.
Engle, Clarence Hess, Jr. (LL.B.) A.B. 1944, University of Kansas	Kans.	Francis, Warren Thomas (LL.B.) B.S. in Chem. Eng. 1945, Bucknell University	N.Y.
Englehardt, Charles William, Jr. (LL.B.) Esch, Arthur Gerald (LL.B.) B.S. 1940, United States Naval Academy	D.C. Ill.	Frankel, Abraham (LL.B.) B.S. 1933, Brooklyn College B.M.E. 1941, Cooper Union	N.Y.
Estinger, Frank Robert (LL.B.) B.S. 1946, University of New Mexico	Va.	Franklin, Joseph Gardner (LL.B.) Freed, Aleck (LL.B.)	Md. D.C.
Evans, Philip Wharton (LL.B.) A.B. 1940, University of the South	D.C.	Freeland, Ralph Lynn, Jr. (LL.B.) A.B. 1939, M.E. 1941, Stanford University	Va.
Even, Francis Alphonse (LL.B.) B.S. 1942, University of Illinois	Ill.	Freeman, Robert M. (LL.B.) B.E.E. 1944, College of the City of New York	N.Y.
Eyler, John Dechert, Jr. (LL.B.) B.S. 1942, University of Maryland	Md.	French, Theodore (LL.M.) A.B. 1938, Princeton University LL.B. 1942, Harvard University	N.Y.
F		French, William Thomas (LL.B.) B.Chem.Eng. 1943, University of Florida	D.C.
Fair, Robert James (LL.B.) Fanget, Louis Alfred (LL.B.) A.B. 1939, Rutgers University	Ind. N.J.	Friedman, Martin Leonard (LL.B.) A.B. 1939, Rutgers University	N.J.
Farrell, John Joseph (LL.B.) B.S. 1946, University of South Carolina	Pa.	Fuerst, Jimmy Stern (LL.B.) A.B. 1937, New York University	Ill.
Fary, Thomas Franklin (LL.B.) Feld, Arthur Sidney (LL.B.) A.B. 1939, New York University	Va. N.Y.	A.M. 1941, University of Chicago Futuran, Josef (LL.B.) B.S., M.S. 1936, College of the City of New York	N.Y.
Feldman, Leon (LL.B.) A.B. 1941, Brooklyn College	N.Y.		
Feldman, Melvin William (LL.B.) A.B. 1941, The George Washington University	D.C.		
Fernandez, Orman B., Jr. (LL.B.) A.B. 1942, Colby College	Maine		
Ferry, John Paul (LL.B.) A.B. 1937, B.S. 1938, St. Joseph's College	Pa.	Gaines, John Wesley (LL.B.) B.S. in M.E. 1942, University of Kentucky	Ky.
Field, Lawrence Irving (LL.B.) B.S. 1935, Ch.E. 1936, College of the City of New York	Pa.	Gallagher, Joseph Matthew (LL.B.) B.S. 1942, The George Washington University	D.C.
Fields, Ogden Wilson (LL.B.) A.B. 1933, University of California	Calif.	Garcia, Thomas Gapsin (LL.B.) A.B. 1944, University of Redlands	D.C.
Finders, Lee McLeish (LL.B.) A.B. 1943, State University of Iowa	Iowa	Gardner, Edith Rose (LL.B.) A.B. 1942, University of California	Va.
Fischt, Peter H. (LL.B.) B.S. 1931, Drexel Institute of Technology	Va.	Garfield, Edwin Barris (LL.B.) Garner, Hugh Carlyle (LL.B.) A.B. 1941, Brigham Young University	Utah Utah
Fisher, Sydney Gilbert (LL.B.) B.S. 1940, United States Military Academy	Va.	Garner, Mary Martin (LL.M.) LL.B. 1942, The George Washington University	Ark.
Fitzgibbons, David William (LL.B.) B.S. in C.E. 1932, University of Michigan	D.C.	Garrett, Marie Gertrude (LL.B.) B.S. 1936, New York University	N.Y.
Fitzsimmons, James William (LL.B.) M.E. 1942, Polytechnic Institute of Brooklyn	N.Y.	Garrity, Patricia Cummines (LL.B.) A.B. 1940, College of New Rochelle	D.C.
Flaherty, John Bryan (LL.B.) B.S. 1944, Northeastern University	Mass.	Gaughan, John Vincent (LL.B.) A.B. 1932, Villanova College	D.C.
		Gearheart, Ernest Theodore, Jr. (LL.B.) A.B. 1936, University of Richmond	Va.

G

Geiger, John Hermann (LL.B.) A.B. 1928, The George Washington University	Va.	Grundstein, Nathan David (LL.B.) A.B. 1935, M.S. 1936, Ohio State University	Va.
Geiger, Laverne David (LL.B.) A.B. 1932, Bluffton College	Va.	Ph.D. 1943, Syracuse University	Ill.
A.M. 1938, Ohio State University		Gullett, John Hungerford (LL.B.)	Va.
George, George Ezekiel (LL.B.)	Ohio	Guren, Sheldon B. (LL.B.) B.B.A. 1944, Western Reserve University	
A.B. 1941, Harvard University			
Gibbs, Richard Dearmond (LL.B.)	D.C.		
Giffin, Daniel Anthony (LL.B.)	Oreg.	H	
B.S. 1941, Oregon State College			
Gilbert, Frederick Stewart, Jr. (LL.M.)	Fla.	Haelele, Carlton Walther (LL.B.)	Ohio
B.S. 1935, LL.B. 1938, University of Florida		B.S. 1942, Case School of Applied Science	
Gilfiz, Roy Hart (LL.B.)	Md.	Hagen, William Joseph (LL.B.)	Mich.
B.S. 1944, University of Maryland		Ph.D. 1942, University of Detroit	
Glasgow, Norman Milton (LL.B.)	Md.	Hallberg, Ernest Van, Jr. (LL.B.)	Fla.
B.S. 1943, University of Maryland		A.B. 1942, University of Florida	
Glass, Thomas Samuel (LL.B.)	Tex.	Halstead, Mervin (LL.B.)	D.C.
A.B. 1942, Tulane University		B.S. 1930, United States Naval Academy	
Glenn, John Forsyth (LL.M.)	Va.	Hamlin, Edmund Tarr (LL.B.)	Wis.
B.S.E. 1938, LL.B. 1940, University of Virginia		Ph.D. 1926, University of Wisconsin	
Gless, Lewis Elwood (LL.B.)	Iowa	Hamm, James Henry (LL.B.)	Ga.
Goddersen, Raymond Paul (LL.B.)	D.C.	Hammaros, Thomas Berry (LL.B.)	Md.
Gold, Morton Joseph (LL.B.)	N.Y.	Hancock, John Cochrane	Md.
A.B. 1940, Brooklyn College		A.B. 1943, Western Maryland College	
Good, Dennis Lee (LL.B.)	Ky.	Hancock, Parker Dunn (LL.M.)	Ind.
Good, Charles Leonard (LL.B.)	Ind.	LL.B. 1937, Indiana University	
B.S. in A.B. 1942, Purdue University		Handy, John Bruce, Jr. (LL.B.)	D.C.
Goodman, Elizabeth Josephine (LL.B.)	Kans.	A.B. 1943, Washington and Lee University	
A.B. 1938, Henderson State Teachers College		Hanes, Rachael Woody (LL.B.)	Idaho
Goodpasture, Maurice Carroll (LL.B.)	Tex.	Hantman, Alfred (LL.B.)	N.Y.
A.B. 1941, Texas Technical College		A.B. 1939, Brooklyn College	
Goodwin, Norton (LL.B.)	D.C.	Hapeman, Lucy Ann (LL.B.)	Nebr.
A.B. 1938, Harvard University		A.B. 1946, University of Nebraska	
Gottlieb, Alvin Lawrence (LL.B.)	D.C.	Harding, Beniah Conrad (LL.B.)	Maine
A.B. 1946, The George Washington University		A.B. 1942, Colby College	
Gottlieb, Sylvia B. (LL.B.)	D.C.	Harmon, Francis Lyman (LL.B.)	Md.
A.B. 1942, Hunter College		B.S. in E.E. 1939, Michigan State College of Agriculture and Applied Science	
A.M. 1946, The George Washington University		Harmon, Robert Brooks (LL.B.)	D.C.
Gottshald, William Holt (LL.B.)	D.C.	B.S. 1941, University of Maryland	
Gottshoff, Sarah Katherine (LL.B.)	Tenn.	Harper, Lawrence Mervin (LL.B.)	Pa.
B.S. 1941, Middle Tennessee State College		A.B. 1942, Pennsylvania State College	
Gross, Louis William (LL.B.)	D.C.	Harrington, Joseph Michael (LL.B.)	Iowa
Gray, Louis Patrick (LL.B.)	D.C.	A.B. 1945, State University of Iowa	
B.S. 1940, United States Naval Academy		Harrington, Mary Beth (LL.B.)	D.C.
Gray, Robert McDonald (LL.M.)	N.C.	A.B. 1946, State University of Iowa	
A.B. 1929, LL.B. 1932, University of North Carolina		Harris, John Alfred (LL.B.)	D.C.
Graybeal, John Ohio (LL.B.)	Wash.	B.S. 1945, University of Illinois	
B.S. 1943, College of Puget Sound		Harris, Louis James (LL.M.)	N.Y.
Greenfield, George Albert (LL.B.)	Idaho	A.B. 1942, Cornell University	
A.B. 1948, College of Idaho		LL.B. 1939, I.S.D. 1942, Brooklyn Law School	
Gregory, Jesse Manning (LL.B.)	Va.	Harris, Shirley Rose (LL.B.)	Va.
Greene, William (LL.B.)	D.C.	A.B. 1941, Wellesley College	
Griffith, Eugene Everett (LL.B.)	Tenn.	Harrison, Hadden Roberts (LL.B.)	D.C.
A.B. 1927, The George Washington University		Harrison, John Houston (LL.B.)	Va.
A.M. 1947, Columbia University		A.B. 1946, University of Virginia	
Gromfne, Isadore Jacob (LL.B.)	N.Y.	Hart, Seward Lyman (LL.B.)	S.D.
A.B. 1940, University of Buffalo		A.B. 1938, Yankton College	
Grove, Jesse Barnett, Jr. (LL.B.)	D.C.	Hart, Wilson Rutter (LL.B.)	N.M.
B.S. 1940, Virginia Polytechnic Institute		A.B. 1942, University of New Mexico	
Grubb, Stephen	Md.	Haskell, Boris (LL.B.)	Mass.
		A.B. 1943, Harvard University	
		Haslop, Lemuel Allen (S.J.D.)	Fla.
		B.S. 1947, University of Maryland	
		LL.B. 1944, The George Washington University	
		Hauck, Raymond Lephich (LL.B.)	D.C.

K			
Kahn, Evans (LL.B.)	N.Y.	King, George Washington (LL.B.)	Va.
A.B. 1912, Yale University		A.B. 1941, The George Washington University	
Kahn, Leon (LL.B.)	Va.	Kinney, David Bowen (LL.B.)	N.Y.
Kalikow, Irving (LL.B.)	D.C.	A.B. 1943, Alma College	Calif.
B.B.A. 1918, College of the City of New York		Kinney, Sheldon Hoard (LL.B.)	
Kane, John Joseph (LL.B.)	Pa.	B.S. 1941, United States Naval Academy	
A.B. 1944, LaSalle College		Kinsel, James Nolan (LL.B.)	D.C.
Kane, Roslyn Dince (LL.B.)	D.C.	B.S. 1943, University of Maryland	
A.B. 1939, University of North Carolina		Kipp, Mary Elizabeth (LL.B.)	Minn.
Kardos, John R. (LL.B.)	Md.	A.B. 1941, Hamline University	
Kardy, Leonard Thomas (LL.B.)	Md.	Kirshbaum, Amiel (LL.B.)	D.C.
Kasbaum, Raymon P. (LL.B.)	Okla.	B.S. 1937, University of Maryland	
Kaslow, Clifford (LL.B.)	D.C.	Kitta, Willard Frederick (LL.B.)	D.C.
A.B. 1945, The George Washington University		A.B. 1942, Amherst College	
Katz, Joseph (LL.B.)	N.Y.	Klass, Felix (LL.B.)	N.Y.
B.B.A. 1939, College of the City of New York		B.Ch.E. 1938, College of the City of New York	
Kaufman, Lynne Anderson (LL.B.)	D.C.	Kleber, Victor Anthony, Jr. (LL.B.)	Ill.
A.B. 1940, Nebraska Wesleyan University		A.B. 1945, Drake University	Md.
Kearney, Anna Ruth (LL.M.)	Pa.	Kleinman, Martin (LL.B.)	
LL.B. 1942, Columbia University		B.S. 1941, Columbia University	Pa.
Keating, William Joseph (LL.B.)	Md.	Kline, William Howard John (LL.B.)	
B.S. 1940, United States Naval Academy		B.S. 1938, Pennsylvania State College	D.C.
Keith, Deane Ellington (LL.B.)	Md.	Klostermann, Wolfgang Ekart (LL.B.)	Ill.
B.S. 1943, University of Maryland		Knapp, Erling Fritz (LL.B.)	
Kelison, James Bruce (LL.B.)	D.C.	B.S.C. 1939, University of North Dakota	
A.B. 1944, University of Richmond		Knapp, Joseph Martin (LL.B.)	Md.
Kelly, Edward Joseph (LL.B.)	Pa.	Kneipp, Robert Frederick (LL.B.)	D.C.
B.S. 1940, Drexel Institute of Technology		A.B. 1935, Duke University	
Kelly, Samuel Graham, Jr. (LL.B.)	D.C.	Knight, Robert Whitney (LL.B.)	Fla.
B.S. in Chem. Eng. 1942, Virginia Polytechnic Institute		Kohloss, Frederick Henry (LL.B.)	D.C.
Kemon, Solon Bainbridge (LL.B.)	D.C.	B.S. 1943, University of Maryland	
B.E.E. 1943, Cornell University		Koki, Philip Soter (LL.B.)	D.C.
Kempton, Lawrence R. (LL.B.)	Ohio	B.S. 1945, Worcester Polytechnic Institute	
B.E.E. 1940, Ohio State University		Kokulia, Paul Nicholas (LL.B.)	N.H.
Kendrick, John Alexander (LL.M.)	D.C.	B.S. 1946, Worcester Polytechnic Institute	
A.B. 1942, LL.B. 1943, The George Washington University		Kopp, Paul Joseph (LL.B.)	Va.
Kennedy, Palmer Joseph (LL.B.)	N.J.	A.B. 1932, Lehigh University	
A.B. 1940, St. Peter's College		A.M. 1933, Duke University	N.J.
Kent, Arthur Peter (LL.B.)	Va.	Kopper, Samuel Keene Claagett (LL.M.)	
B.S. 1941, The George Washington University		A.B. 1947, Princeton University	
Kent, Perran Aloysius (LL.B.)	Mo.	LL.B. 1940, University of Virginia	D.C.
A.B. 1941, The George Washington University		Krakovsky, Max (LL.B.)	
Kerr, David Jay (LL.B.)	Okla.	B.B.A. 1941, Boston University	Ohio
Kerr, Thomas Moore, Jr. (LL.B.)	N.J.	Kramer, Jerome Frank (LL.B.)	
A.B. 1940, Lafayette College		B.E.E. 1943, Ohio State University	N.Y.
Kessinger, James Bennett (LL.B.)	La.	Kramer, William Walter (LL.B.)	
Keyt, William Ward (LL.M.)	Va.	A.B. 1941, Brooklyn College	N.Y.
A.B. 1929, Ohio Wesleyan University		Krist, Fred George (LL.B.)	Ill.
LL.B. 1935, The George Washington University		Krubel, Frederick John (LL.B.)	
Kiesel, Harold Milton (LL.B.)	Ind.	B.S. in M.E. 1945, University of Illinois	Minn.
A.B. 1937, The George Washington University		Kuske, Esther J. (LL.B.)	
Kilby, Katherine Killeen (LL.B.)	Va.	B.S. 1922, Northwestern University	
A.B. 1927, Trinity College			
Kilpatrick, Macgregor (LL.B.)	Va.		
B.S. 1939, United States Naval Academy			
King, Fred Wesley (LL.B.)	Calif.		

L

Labiasoniere, George Robert (LL.B.)	D.C.
Lainof, Robert Ivan (LL.B.)	D.C.
B.S. 1939, North Carolina State Teachers College	
Lamberton, Alfred James (LL.B.)	N.H.
A.B. 1933, University of New Hampshire	
Lancaster, Carlyle Jewell (LL.B.)	Md.
B.S. 1942, Loyola College	
Lane, William Lloyd (LL.B.)	D.C.

Lang, Edward Alexander (LL.B.) B.S. in B.A. 1943, University of Florida	Fla.	Lloyd, Raymond James (LL.B.) A.B. 1941, University of Virginia	D.C.
Lange, Charles Daniel (LL.B.) B.S. 1937, University of California	Calif.	Lockhart, Elizabeth Berkeley (LL.B.) A.B. 1937, College of William and Mary	Va.
Langtry, Wilbur Wilson, Jr. (LL.M.) LL.B. 1937, The George Washington University	Va.	Lockwood, Harris Cade (LL.M.) B.S. 1933, United States Naval Academy	Md.
Larson, Jeanne Lyle (LL.B.) A.B. 1946, State Teachers College, Valley City, N.D.	N.D.	LL.B. 1940, Suffolk University	Pa.
Latham, Leslie Wade (LL.B.) A.B. 1937, Miami University	Va.	Lockwood, Robert Kenneth (LL.B.) A.B. 1942, Maryville College	N.Y.
Latimer, John Austin, Jr. (LL.B.) B.S. 1939, University of Cincinnati	D.C.	Lokke, Bernard Molineux (LL.B.) Loom, Dickson Randall (LL.B.)	Md.
Lawrence, Norman (LL.B.) B.S. 1939, College of the City of New York	D.C.	A.B. 1945, Dartmouth College	D.C.
Lay, Kenneth Swift (LL.B.) Layton, Joseph Kenneth (LL.B.)	Mo.	Lopez, Cornelio O. (LL.B.) A.B. 1927, State University of Iowa	Md.
LeClaire, Charles Homer (LL.B.) A.B. 1940, Alma College	Va.	Lovelace, Ernest Alvin, Jr. (LL.B.) A.B. 1943, University of Maryland	Mass.
Lee, Donald Edward (LL.M.) A.B. 1935, LL.B. 1935, The George Washington University	Wis.	Lowe, Iva Melvin (LL.B.) Loy, John Irving (LL.B.)	Va.
Lee, Miriam Lubitov (LL.B.) Leighton, Donald McCulloch (LL.B.)	N.Y.	A.B. 1942, University of California at Los Angeles	D.C.
A.B. 1938, University of Nevada	Nev.	Lucas, Charles William (LL.B.) Luckett, Richard Samuel, Jr. (LL.B.)	Va.
Leimbach, Leonard LaSalle (LL.B.) A.B. 1945, Brown University	D.C.	A.B. 1942, Randolph-Macon College	Idaho
Lester, David (LL.B.) B.S. 1929, M.B.A. 1938, New York University	D.C.	Lukens, Frederick (LL.B.) A.B. 1947, University of Idaho	Idaho
Levin, Joseph (LL.B.) LeVine, Carl Ralph (LL.B.)	D.C.	Lukens, John Fitchie (LL.B.) A.B. 1946, University of Idaho	Conn.
B.S.E. 1936, M.S. 1938, University of Michigan	Md.	Lundin, Carl Edward, Jr. (Uncl.) B.S. 1948, Trinity College	LL.B. 1942, University of Connecticut
Lewis, Anne Poindexter (LL.B.) A.B. 1943, Randolph-Macon Woman's College	Va.	M	
Lewis, Arnold Charles (LL.B.) B.S.S. 1937, College of the City of New York	N.Y.	MacInnis, Judith (LL.B.) A.B. 1945, Western College	Ohio
Lewis, Hubert Edward (LL.B.) A.B. 1943, University of Virginia	Va.	Mack, James Edward (LL.B.) A.B. 1943, The George Washington University	Fla.
Lewis, Irving Abraham (LL.B.) A.B. 1933, Maryville College	D.C.	Mack, John Raymond (LL.B.) A.B. 1934, Iowa State Teachers College	Wis.
Lewis, James William (LL.B.) B.S.E. 1932, University of Michigan	D.C.	Mackey, James Eugene, Jr. (LL.B.) MacMaster, Andrew James (LL.B.)	Tenn.
Lewis, Sydney (LL.B.) A.B. 1940, Washington and Lee University	D.C.	B.B.A. 1941, Southern Methodist University	Va.
Lexa, Frank Joseph, Jr. (LL.B.) A.B. 1943, University of Minnesota	Pa.	Macomber, John Austin (LL.M.) A.B. 1917, Middlebury College	Mass.
Lhamon, George Marion (LL.B.) B.S.E.F. 1939, United States Naval Academy	D.C.	LL.B. 1941, Northeastern University	Fla.
Lindsey, John Wise (LL.M.) A.B. 1934, Wesleyan University	D.C.	Madigan, John Alphonsus, Jr. (LL.B.) B.S. 1940, University of Miami	D.C.
J.D. 1941, Ohio State University	N.J.	Magura, Joseph John (LL.B.) A.B. 1938, Harvard University	D.C.
Lippman, Charles (LL.B.) LL.B. 1940, Boston University	N.Y.	Maher, Francis Patrick (LL.B.) Maleson, Alfred Irving (Uncl.)	Tex.
Litteral, Kelly (LL.B.) A.B. 1946, Washington and Lee University	Mass.	B.S. 1942, Johns Hopkins University	Md.
Littman, Simon (LL.M.) LL.B. 1931, University of Maryland	D.C.	Maltby, Wilson Ray (LL.B.) A.B. 1930, Milton College	D.C.
Livingston, John White, Jr. (LL.B.) B.S. 1940, Harvard University	Mo.	A.M. 1933, University of Wisconsin	N.J.
		Markowitz, Irving (LL.B.) Marucha, Benedict Francis (LL.B.)	Md.
		B.S.C. 1940, Notre Dame University	Min.
		Mariden, Lawrence Albert (LL.B.) B.S.L. 1941, University of Minnesota	D.C.
		Marsh, Richard Sims Thomas (LL.B.) A.B. 1946, Yale University	Va.
		Marshall, Harry Taylor, Jr. (LL.B.) A.B. 1940, University of Virginia	D.C.
		Martin, James Alfred (LL.B.) B.S. 1940, United States Coast Guard Academy	

Martin, Richard Alfred (LL.B.)	Maine	McMoniele, Bernard William (LL.B.)	Pa.
Mason, Webber James (LL.B.)	Maine	A.B. 1943, Moravian College and Theological Seminary	
A.B. 1945, University of Maine		McMurray, John Horace (LL.B.)	D.C.
Massoneau, Suzanne (LL.B.)	N.Y.	B.S. 1943, Presbyterian College of South Carolina	
A.B. 1946, The George Washington University		McNeil, George Elroy, Jr. (LL.B.)	D.C.
Matterson, James Aaron (LL.B.)	Wash.	A.B. 1942, The George Washington University	
B.S. 1938, United States Naval Academy		McPherson, James Willis (LL.B.)	Ohio
Matthews, Denbigh Schuyler (LL.B.)	Va.	McQueen, Robert Keith	D.C.
B.S. 1943, The George Washington University		A.B. 1944, The George Washington University	
Mathewson, Gordon Wright (LL.B.)	Va.	McTiernan, Charles Edward (LL.B.)	N.Y.
A.B. 1942, Syracuse University		B.S. in E.E. 1941, University of Alabama	
Mattimore, Walter B. (LL.B.)	N.Y.	Meany, Regina Clare (LL.B.)	D.C.
Mattson, Julius L. (LL.B.)	Wash.	A.B. 1945, College of New Rochelle	
A.B. 1944, American University		Mears, James Frank (LL.B.)	S.C.
Matvey, John Thomason (LL.B.)	D.C.	B.S. 1939, The Citadel	
B.S. 1934, Duquesne University		Meekison, Virginia Victoria (LL.B.)	Ohio
Mayoral, Jose Angel (LL.B.)	P.R.	A.B. 1931, Radcliffe College	
B.B.A. 1939, University of Puerto Rico		A.M. 1935, Ohio State University	
McAnear, Frank Ed (LL.B.)	Ark.	Menke, Bernard William (LL.B.)	Nebr.
A.B. 1945, The George Washington University		A.B. 1940, University of Nebraska	
McCarthy, Jack Nestor (LL.B.)	Va.	Menter, Martin (Uncl.)	N.Y.
B.S. 1943, Virginia Polytechnic Institute		A.B. 1937, LL.B. 1939, Syracuse University	
McClenahan, Donald Johnston (LL.B.)	Idaho	Merrell, John Yates (LL.B.)	Va.
A.B. 1938, College of Idaho		A.B. 1942, Brigham Young University	
McClenning, Forest Lionel (LL.B.)	Mo.	Merrifield, LeRoy Sorenson (LL.M.)	Va.
McCormick, William Carlyle (LL.B.)	D.C.	A.B. 1938, LL.B. 1941, University of Minnesota	
A.B. 1937, West Virginia University		Merwin, John David (LL.B.)	Conn.
McCown, William Dewell (LL.B.)	D.C.	B.S. 1943, Yale University	
A.B. 1941, The George Washington University		Mezines, Basil J. (LL.B.)	D.C.
McCulloch, Wendell Holmes, Jr. (LL.B.)	Ky.	A.B. 1946, The George Washington University	
McCullough, Robert William (LL.B.)	D.C.	Michels, Franklin Peter (LL.B.)	S.D.
B.M.E. 1943, The George Washington University		Middleton, William Wylie, Jr. (LL.B.)	Va.
McDonald, Stephen Joseph (LL.B.)	Pa.	B.S. 1939, Virginia Military Institute	
B.S. 1937, University of Pennsylvania		Miller, Louis Ashur (LL.B.)	D.C.
McElroy, John Dale (LL.B.)	D.C.	Miller, Robert Preston (LL.B.)	N.Y.
McFarlane, Mary Ellen (LL.B.)	Tex.	B.S. in M.E. 1943, Cornell University	
McGee, Charles Edward (LL.B.)	Ill.	Millington, Henry William (LL.B.)	D.C.
A.B. 1934, Northern Illinois State Teachers College		A.B. 1942, Cornell University	
McGhee, James Herbert (LL.B.)	Mo.	Mills, William Butler (LL.M.)	Maine
B.S. 1941, University of Missouri		A.B. 1920, Bowdoin College	
McGowen, Robert Lee (LL.B.)	Okla.	LL.B. 1946, The George Washington University	
A.B. 1943, University of Oklahoma		Miner, Belle Lorraine (LL.B.)	D.C.
McIntyre, William G. (LL.B.)	Mont.	Minicus, James L. (Uncl.)	N.Y.
McKay, Emerald Raleigh (LL.B.)	Mo.	Ph.B. 1931, Brown University	
B.S. 1942, Northwest Missouri State Teachers College		LL.B. 1940, Columbia University	
McKay, James Creighton (LL.B.)	Md.	LL.M. 1941, The George Washington University	
B.S. 1938, Cornell University		Minno, John (LL.B.)	Pa.
McKay, William C. (LL.B.)	Va.	A.B. 1938, University of Pittsburgh	
B.S. 1940, University of Michigan		Minthoyn, Samuel Peter (LL.B.)	Ore.
McKenna, William John (LL.B.)	N.Y.	Mitchell, C. Bradford (LL.B.)	Mass.
A.B. 1937, Colgate University		Ph.B. 1928, A.M. 1929, Wesleyan University	
McKey, Richard Kendall (LL.B.)	Utah	Ph.D. 1939, Harvard University	
McKinnon, William Thomas (LL.M.)	Va.	Mitchell, Edward Alexander, Jr. (LL.B.)	D.C.
A.B. 1925, A.M. 1926, University of Southern California		A.B. 1937, University of Virginia	
LL.B. 1946, The George Washington University		Mitchell, George Day (LL.B.)	Md.
McLaughlin, William Francis (LL.B.)	Va.	B.S. 1934, Johns Hopkins University	
A.B. 1944, Swarthmore College		Modance, Walter Aaron (LL.B.)	D.C.
McLean, Rufus Dinkle (LL.B.)	Ky.	B.S. 1938, College of the City of New York	
A.B. 1942, Marshall College		Monson, Warren Dean (LL.B.)	Ohio
McLendon, Frank Wilson (LL.B.)	Miss.	A.B. 1944, University of Michigan	
McMillan, George M. (LL.B.)	Utah		

Montgomery, John William Myers (LL.B.) Mo. B.S. 1940, United States Naval Academy		Nilsen, Sylvia Eugenie (LL.B.) D.C. A.B. 1939, University of Utah	
Montgomery, Leonora Ryan (LL.B.) Tex. A.B. 1944, Wellesley College		Niswander, Frank Clyde (LL.B.) Mo. A.B. 1941, Colorado College	
Montgomery, William Jefferson (LL.B.) Tex. B.S. 1941, Agricultural and Mechanical College of Texas		Noble, Ben Paul (LL.B.) Va. A.B. 1946, The George Washington University	
Moon, Joan Marie (LL.B.) Md. A.B. 1942, University of Maryland		Nolte, Albert Charles (LL.B.) D.C. B.S. 1943, Princeton University	
Moore, Waldo Hawthorne (LL.B.) Va. Mosely, Robert Edward (LL.B.) Okla. A.B. 1941, University of Oklahoma		Nolte, William Robert (LL.B.) Md. B.S. 1943, University of Illinois	
Mowry, Boardman Shaw (LL.B.) Ill. B.S. 1940, Purdue University		Norcross, Harold Leslie (Spec.) Colo. Norman, Ellington Murray (LL.B.) Ga. A.B. 1944, University of Georgia	
Muller, Victor Casper (LL.B.) Va. B.S. 1931, University of Southern California		Nunley, William Torrance (LL.B.) D.C. A.B. 1940, Marshall College	
Murphy, Charlie Ophalon (LL.B.) Ga. A.B. 1930, Emory University		Nyhlen, Donald Richard (LL.B.) Calif. B.S. 1944, University of California	
Murphy, Jay Wesley (Uncl.) Ill. A.B. 1933, University of Illinois		Nylen, Edward Warren (LL.B.) Md. B.S. 1942, University of Maryland	
J.D. 1943, LL.M. 1944, The George Washington University			
Murphy, Joan Catherine (LL.B.) D.C. A.B. 1940, The George Washington University		O	
Murphy, William Arthur (LL.B.) Tenn. Murray, Virginia Riley (LL.B.) Va. A.B. 1936, Randolph-Macon Woman's College		O'Brien, William John (LL.B.) Mass. B.S. 1942, Tufts College	
Murtha, Mary M. (LL.B.) S.D. A.B. 1938, University of South Dakota		Ochs, James Connor (LL.B.) Ill. O'Donnell, Alice Louise Wash. Ogilby, Remsen Brinckerhoff II (LL.B.) Md. A.B. 1939, Harvard University	
Muscato, Amelia C. (LL.B.) N.Y. A.B. 1945, D'Youville College		O'Herin, Edward Francis (LL.B.) Va. A.B. 1942, University of Missouri	
Myers, Robert Holt (LL.B.) D.C. A.B. 1940, Princeton University		Oliver, William Palmer, Jr. (LL.B.) Md. A.B. 1941, University of Missouri	
		Olsen, Elwood Harlan (LL.M.) S.D. J.D. 1941, State University of Iowa	
N		Olsen, Charles Paul (LL.B.) Utah B.S. 1939, Utah State Agricultural College	
Nassif, Helen (LL.B.) Iowa Neely, William Edward (Uncl.) W.Va. A.B. 1934, LL.B. 1940, West Virginia University		Olsen, Ozzie Maynard (LL.B.) N.D. B.S.C. 1940, University of North Dakota	
Negus, Mildred Emma (LL.B.) D.C. B.S. 1927, Rhode Island State College		Onion, Oliver Lloyd (LL.B.) Ga. A.B. 1929, Lake Forest College	
A.M. 1943, The George Washington University		Orndoff, Mary Ann (LL.B.) Md. A.B. 1942, The George Washington University	
Negus, Raymond Anthony (LL.B.) Md. Neishloss, Meyer (LL.M.) D.C. B.S. 1933, Johns Hopkins University		Osann, Robert (LL.B.) N.Y. B.Chem.Eng. 1943, Rensselaer Polytechnic Institute	
LL.B. 1941, Georgetown University		Osborn, William Guy (LL.B.) Mo. B.S. in Ed. 1940, Southwest Missouri State Teachers College	
Nelson, Lewis Clair (LL.B.) Utah B.S. 1939, Utah State Agriculture College		Osheroff, Milton (LL.B.) N.Y. B.S. 1939, College of the City of New York	
Neveleff, Jerome Cooper (LL.B.) Conn. A.B. 1941, Yale University		Ost, Herbert Elliott (LL.M.) N.Y. B.S. 1937, College of the City of New York	
New, Justin Derieux (LL.B.) D.C. New, Rice Sylvester, Jr. (LL.B.) Ga. Newlin, Joseph Homan (LL.B.) Pa. A.B. 1942, The George Washington University		LL.B. 1940, Columbia University	
Newmyer, Alvin Leroy, Jr. (LL.B.) D.C. B.S. 1939, University of Virginia		Osterman, Herbert William (LL.B.) Mich. B.S. 1944, University of Michigan	
Newsome, George Marvin (LL.B.) D.C. Nichols, Frank Dean (LL.B.) W.Va. A.B. 1946, The George Washington University			
Nicolaides, Manuel Mike (LL.B.) Md. B.S. 1943, University of Maryland		P	
Niehuss, Jacob Clark (LL.B.) Ala. A.B. 1940, University of Alabama		Paine, Charles Edwin (LL.M.) Md. B.S. 1919, University of Maryland	
		LL.B. 1925, National University	
		Palmer, Carroll Funk (J.D.) Md. B.S. 1940, University of Maryland	
		M.S. 1944, University of Pennsylvania	
		Palmer, Max Lee (LL.B.) Iowa A.B. 1941, Cornell College	

Pappas, Frank George (LL.B.)	Mo.	Pollock, Charles Fred (LL.M.)	Wis.
Paradise, Noel Edwin (LL.B.)	D.C.	Ph.B. 1915, University of Wisconsin	
Parker, Frank Coombs (LL.B.)	Ohio	LL.B. 1919, The George Washington University	
A.B. 1941, Oberlin College			
Parker, Ralph Woodford (LL.B.)	Ky.	Pope, George Allen (LL.B.)	Idaho
A.B. 1939, Georgetown College		Prichard, E. Anthony (LL.B.)	D.C.
Pascuzzo, Julius Richard (LL.M.)	N.Y.	Psaki, John Nicholas (LL.B.)	Va.
LL.B. 1940, St. John's College, New York		Pucci, Gerard Richard (LL.B.)	N.Y.
Patterson, Donald MacKelvy (LL.M.)	Va.	B.S. 1944, Virginia Polytechnic Institute	
B.S. in C.E. 1940, Bucknell University		Pugh, Mary Joyce (LL.B.)	Va.
J.D. 1944, The George Washington University		A.B. 1944, Ohio University	
Patterson, Ernest Harold (LL.B.)	Pa.	Punsley, Frank Burruss (LL.B.)	Tex.
B.S. 1942, Temple University		B.M.E. 1942, University of Texas	
Porton, Earl Robert (LL.B.)	Ohio	Pulaipher, William L. (LL.B.)	Nev.
B.S. 1937, Ohio State University		Purdy, William Frederick, Jr. (LL.B.)	N.Y.
Pear, Philip (LL.B.)	D.C.	M.E. 1917, Stevens Institute of Technology	
A.B. 1941, The George Washington University		Puryear, Frances Elizabeth (LL.B.)	Md.
Pearson, Beverly Stocking (LL.B.)	D.C.	A.B. 1945, The George Washington University	
A.B. 1940, Vassar College			
Pearson, James Wallace (LL.B.)	Va.	Q	
B.S. 1942, Georgetown University		Qualls, Guy Logan (LL.B.)	Ohio
Pearson, Louisa Rita (LL.M.)	Conn.	B.S. 1941, University of Georgia	
A.B. 1939, Georgetown College		Quarles, Carl Donald (LL.B.)	S.D.
LL.B. 1943, University of Connecticut		B.Ch.E. 1946, University of Virginia	
Pederson, Wallace Henry (LL.B.)	Minn.	Queen, Francis Vernon (LL.B.)	Ky.
Penner, Arthur A. (LL.B.)	D.C.	A.B. 1941, Berea College	
Pendlegrass, John Mullard (J.D.)	Va.	Quisenberry, William Otis (LL.B.)	Va.
A.B. 1945, Kalamazoo College		B.S. 1944, Virginia Polytechnic Institute	
Pennefeather, Joseph Edmund (LL.B.)	D.C.		
Pennock, John Harold (LL.B.)	D.C.		
Pennycuik, Lela (LL.B.)	Miss.		
Perris, George Peter (LL.B.)	D.C.		
A.B. 1940, The George Washington University			
Petersen, Stanley Wilhelm (LL.B.)	D.C.		
A.B. 1942, The George Washington University			
Peterson, Stuart Randall (LL.B.)	Mass.		
B.S. 1940, Purdue University			
Pettigrew, W. B. (LL.B.)	Va.		
B.S. 1941, St. Louis University			
Pettit, Charles LeRoy (LL.B.)	D.C.		
A.B. 1936, Ohio University			
Petty, Bernard Lewis (LL.B.)	Calif.		
Pfand, Charles Edward (LL.B.)	Iowa		
B.S. in E.E. 1943, Iowa State College of Agriculture and Mechanic Arts			
Phillips, Anne Verhulez (LL.B.)	D.C.		
A.B. 1945, Ohio State University			
Pickard, Howard Brevard (LL.M.)	Okla.		
A.B. 1938, LL.B. 1940, University of Oklahoma			
Pierce, James Baker (LL.B.)	Mich.		
B.S. in Eng. 1943, University of Michigan			
Pilmer, Mary Beth (LL.B.)	Iowa		
A.B. 1946, State University of Iowa			
Pilzer, Herbert (LL.B.)	D.C.		
A.B. 1940, The George Washington University			
Pineau, Roger (LL.B.)	Mich.		
A.B. 1942, University of Michigan			
Plunkett, Malvin Blaine (LL.B.)	Ky.		
Pollard, Nina E. (LL.B.)	D.C.		
A.B. 1944, Vassar College			

Schapiro, Sol Max (Uncl.)	D.C.	Shure, Gilbert Bernard (LL.B.)	Va.
A.B. 1943, Johns Hopkins University		B.S. 1934, Virginia Polytechnic Institute	
Schenck, Joseph Samuel (LL.B.)	N.C.	Siegel, Abraham (LL.B.)	Md.
Scherr, Robert Arthur (LL.B.)	Wis.	B.S. 1941, College of the City of New York	
A.B. 1942, University of Wisconsin		Silverman, Aaron (LL.B.)	D.C.
Scherman, Albert Howard (LL.B.)	Va.	Silverman, Norris Leon (LL.B.)	D.C.
A.B. 1940, University of Idaho		Simms, Gertrude Plumer (LL.B.)	Md.
Schlaesker, Howard Irving (LL.B.)	N.Y.	A.B. 1940, University of Maryland	
B.S. 1948, Massachusetts Institute of Technology		Sizemore, Lawrence (LL.B.)	Md.
Schneider, Homer James (LL.B.)	D.C.	B.S. in Chem. Eng. 1941, University of Oklahoma	
B.S. 1942, University of Wisconsin		Skillman, Douglas Benjamin (LL.B.)	Va.
Schofield, Leslie Harrison (LL.B.)	Utah	B.S. 1942, Pennsylvania State College	
B.S. 1914, United States Naval Academy		Skonford, Charlotte Benice (LL.B.)	N.D.
M.B.A. 1941, Harvard University		A.B. 1944, State Teachers College, Valley City, N.D.	
Scholl, Richard Theodore (LL.B.)	Md.	Smith, Blain Hanna (LL.B.)	Md.
A.B. 1935, American University		B.S. 1939, University of Maryland	
B.D. 1938, Drew University	Tex.	Smith, Dorr Newell (LL.B.)	Major
Schulda, Valasta (LL.B.)		Smith, J. Russel (LL.M.)	Utah
B.S. 1942, University of Houston	D.C.	LL.B. 1945, The George Washington University	
Schwartz, Louis (LL.B.)	N.J.	Smith, Jesse Bond, Jr. (LL.B.)	Md.
A.B. 1940, Brooklyn College		A.B. 1942, University of Virginia	
Scott, David Alan (LL.B.)	Wyo.	Smith, Lawrence Sinclair (LL.B.)	Fla.
A.B. 1948, Princeton University		A.B. 1939, University of Florida	
A.M. 1946, Columbia University		Smith, Qualee Bewerman (LL.B.)	D.C.
Scott, Elmer Jesse (LL.M.)		A.B. 1940, Drake University	
A.B., LL.B. 1946, University of Wyoming	Md.	Smith, Richard Alonzo (LL.B.)	La.
Scott, John Reed, Jr. (LL.B.)	N.Y.	B.S. 1940, Louisiana Polytechnic Institute	
B.S. 1943, University of Maryland		Smith, Richard Robert (LL.B.)	N.I.
Sendel, Arthur Harris (LL.B.)		Smith, T. Oscar (LL.B.)	Va.
B.S. 1942, College of the City of New York		A.B. 1945, Lincoln Memorial University	
A.M. 1943, University of Michigan	Md.	Smith, William Ellison (LL.B.)	D.C.
Seitz, Patricia M. (LL.B.)		Smolen, Joseph Sidney (LL.B.)	Calif.
A.B. 1940, A.M. 1941, Marquette University		A.B. 1946, University of California at Los Angeles	
Selander, Kenneth John Olaf (LL.B.)	Wash.	Smoyer, Marion Raymond (LL.M.)	D.C.
A.B. 1941, University of Washington		A.B. 1942, LL.B. 1946, University of Wyoming	
Semmes, John Gibson (LL.B.)	D.C.	Snavely, Charles Thomas (LL.B.)	W.Va.
Servais, Raymond Alexis (LL.B.)	Wis.	A.B. 1927, Lincoln Memorial University	
Sfones, James George (LL.B.)	D.C.	Snyder, Martha Frances (LL.B.)	Va.
Sharkley, Francis Michael (LL.B.)	D.C.	A.B. 1945, The George Washington University	
B.S. 1941, Georgetown University		Sober, Sidney (LL.B.)	N.Y.
Sharp, Daniel DeWitt (LL.B.)	Mass.	A.B. 1940, College of the City of New York	
B.S. in E.E. 1940, Northeastern University		Solomon, Lawrence Philip (LL.B.)	N.Y.
Sharp, J. D. (LL.B.)	Oreg.	Sotell, Wilfred Byron (LL.M.)	D.C.
A.B. 1941, Fort Hays Kansas State College		LL.B. 1942, National University	
Sharpe, Harold Philip (LL.M.)	Md.	Southmaye, LeRoy, Jr. (LL.B.)	Mont.
LL.B. 1948, University of Arkansas		Sparkman, Joseph Ben, Jr. (LL.B.)	Tex.
Shearin, Plummer Mustian (LL.B.)		B.S. in M.E. 1942, Rice Institute	
B.S. 1916, Wake Forest College	D.C.	Spivak, Richard Walter (LL.B.)	Pa.
Shelley, William Paul, Jr. (LL.M.)		B.S. 1942, University of Pennsylvania	
B.S., LL.B. 1939, University of Florida	D.C.	Spivey, Thomas Dennoth (LL.B.)	N.C.
Sheridan, Philip Henry (LL.B.)		A.B. 1940, University of North Carolina	
B.S. in E.E. 1944, Worcester Polytechnic Institute	Okla.	Stam, Tobias Leon (LL.B.)	N.Y.
Sherman, Fred (LL.B.)		B.S. 1940, The George Washington University	
A.B. 1934, University of Oklahoma	Va.	Stanges, Julius Thomas (LL.B.)	Va.
Sherwood, John Myers (LL.B.)		B.S. 1941, Catholic University of America	
B.S.C. 1940, University of Virginia	Calif.	Stanley, Earl (LL.B.)	Ohio
Short, William Herkimer (LL.B.)		B.S. 1943, Kent State University	
B.S. 1943, University of California	Ind.		
Shoup, Wilson Elliott (LL.B.)			
A.B. 1937, Indiana University	N.C.		
Shugar, Harold Bernard (LL.B.)			
B.S. 1947, University of South Carolina			

Stanley, Laura M. (LL.B.) A.B. 1922, Colby College	Maine	Tesoro, George Alfred (LL.M.) J.D. 1925, University of Rome	Md.
Stanton, Mary Corinne (LL.B.) A.B. 1940, Trinity College	D.C.	Thomas, Frane J. (LL.B.) A.B. 1943, The George Washington University	D.C.
Stein, Eric (Uncl.) J.D. 1942, University of Michigan	Ill.	Thomas, Robert Edward Lee (LL.B.) A.B. 1933, University of Hawaii	D.C.
Stein, Jacob (LL.B.) Stein, Ralph (LL.B.) A.B. 1945, The George Washington University	D.C. D.C.	Thomas, William Henry Baldwin (LL.B.) Thompson, Betty Ann (LL.B.) A.B. 1946, The George Washington University	D.C. Va.
Steinberger, Hugh Marion (LL.B.) B.S. 1941, University of Virginia	Md.	Thompson, Lucius Fred (LL.B.) Tibbott, David Winship (LL.B.) B.M.E. 1945, University of Virginia	Ga. Va.
Steinmeyer, Robert Jay (LL.B.) B.S. in E.E. 1943, University of Nebraska	Nebr.	Tiefel, Paul Martin (LL.B.) B.S.E. 1946, University of Michigan	Mich.
Stevens, Wynne Allan, Jr. (LL.B.) A.B. 1939, College of William and Mary	Md.	Tillson, Paul Lambert (LL.B.) B.S. 1938, M.S. 1939, Massachusetts Institute of Technology	D.C.
Stewart, Howard Hutchens (LL.B.) Stewart, Rodney Ward (J.D.) A.B. 1933, Carleton College A.M. 1934, University of Chicago Ph.D. 1938, Harvard University	Ala. Va.	Timbie, Donald Nute (LL.B.) B.S. in E.E. 1939, Massachusetts Institute of Technology	Mass.
Stiles, Robert Sidney (LL.B.) Still, Samuel Hutchins (LL.B.) A.B. 1929, The Citadel	Ala. S.C.	Titus, Randolph Lee (LL.B.) A.B. 1936, Columbia University	Va.
Stine, Wilma Pearl (LL.B.) A.B. 1937, Western Reserve University	Ohio	Torgerson, Jean Tate (J.D.) A.B. 1937, University of Wisconsin	D.C.
Stockbridge, Henry Patten (LL.B.) A.B. 1939, Amherst College	Md.	Torres-Cortes, Niguel (LL.B.) A.B. 1940, University of Puerto Rico	P.R.
Strauss, William Sigfrid (LL.M.) LL.B. 1932, University of Wassburg, Germany	Va.	Townsend, Robert Arnold (LL.B.) B.S. 1943, Harvard University	Mass.
Strickler, Frank H. (LL.B.) A.B. 1941, The George Washington University	D.C.	Tracy, John Joseph (LL.B.) Travelstead, Charles Eugene (LL.B.) Triplett, Daniel Cleveland (LL.B.) B.S. 1943, University of Maryland	N.Y. Ill. D.C.
Studer, Harold R. (LL.B.) A.B. 1939, Huron College	D.C.	Trivix, Edward Ernest (LL.B.) A.B. 1943, New Mexico College of Agriculture and Mechanic Arts	N.M.
Sudnik, Louis Frederick (LL.B.) B.S. 1941, United States Coast Guard Academy	Mass.	Troy, Jerome Patrick (LL.B.) A.B. 1939, Boston College	Mass.
Summer, Leonard (LL.B.) B.S. 1933, M.S. 1938, College of the City of New York	N.Y.	Tuberty, John Patrick Fox (LL.B.) A.B. 1946, Lehigh University	Pa.
Sures, Charles Stanley (LL.B.) Swan, Robert E. (LL.B.) B.S. 1937, College of Puget Sound	D.C. Wash.	Tucker, Simon (LL.B.) B.S. 1940, College of the City of New York	Va.
Sweeney, John Daniel (LL.M.) A.B. 1936, Marietta College LL.B. 1940, Georgetown University	W.Va.	M.P.A. 1943, New York University	
Symes, John Thomas, Jr. (LL.B.) A.B. 1941, Hamilton College	D.C.	Turner, Frank Keech (LL.B.)	Md.
T		U	
Talbott, William Randolph, Jr. (LL.B.) Tarrant, William Theodore, Jr. (LL.B.) A.B. 1938, Stanford University A.M. 1939, Tufts College	Md. Calif.	Upham, John D. (LL.B.) B.S. in Chem. 1936, University of Oklahoma	Okla.
Taussig, Joseph Kneffer, Jr. (LL.B.) B.S. 1941, United States Naval Academy	R.I.	Urie, William Arthur (LL.B.) A.B. 1939, Washington College	Md.
Taylor, Anne Robb (LL.B.) A.B. 1939, A.M. 1941, Mount Holyoke College	Mass.	V	
Taylor, John William (LL.B.) B.S. 1940, State Teachers College, Indiana, Pa.	Pa.	Valentia, Alaric William (LL.B.) B.S. 1939, University of Virginia	Pa.
Taylor, Thomas Hart (LL.B.) B.S. 1940, United States Naval Academy	Va.	Valentine, Garrett Hobart (LL.B.) B.S. 1940, Wake Forest College	D.C.
Tengwall, LeRoy Oswald (LL.B.) A.B. 1938, University of Chattanooga	N.Y.	Valeri, John Roland (LL.B.) B.S. 1942, Villanova College	D.C.
		Vance, Harrell Taylor, Jr. (LL.B.) A.B. 1945, The George Washington University	Ala.
		Vance, William Frank (LL.B.) A.B. 1941, Birmingham-Southern College	D.C.
		VanMeter, William Garrett (LL.B.) Vaughan, James Morris (LL.B.) A.B. 1942, Iowa State Teachers College	Va. D.C.

Vergara, Pedro V. (LL.B.) A.B. 1931, A.M. 1934, University of California	D.C.	Wendt, Lucille Burd (LL.B.) A.B. 1942, University of South Dakota	D.C.
Vincent, Reginald Charles (LL.B.) B.S. 1941, University of Maryland	Va.	Westerman, George Frederick (LL.B.) B.S. 1939, University of Wisconsin	Wis.
Vinograd, Arthur (LL.B.) B.S. 1935, M.E. 1936, College of the City of New York	Va.	Westfall, Ted B. (LL.B.) B.S. 1940, University of Oklahoma	Tex.
Vrabiotes, Helen (LL.B.) A.B. 1944, The George Washington University	D.C.	Weston, Glen Earl (LL.B.) B.S. 1943, University of Maryland	Md.
W			
Wagman, Theodore David (LL.B.) A.B. 1939, A.M. 1940, Boston University	Mass.	Wetzel, Joseph George (LL.B.) B.S. 1943, Notre Dame, University of	Mich.
Wahl, Richard Albert (LL.B.) B.S. in M.E. 1934, University of Wyoming	Wyo.	Wheeler, Mary Starr (LL.B.) A.B. 1916, Wellesley College	Conn.
Walker, Paul Howard (LL.B.) A.B. 1939, University of Washington	Miss.	White, Eugene Michael (LL.B.) B.S. 1943, Fordham University	N.Y.
Walkshaw, Walter (LL.B.) B.S. in E.E. 1941, Lehigh University	Wash.	White, Harold Edward (LL.B.) A.B. 1941, University of Utah	Utah
Wallick, Earle Wilbur, Jr. (LL.B.) A.B. 1942, University of South Carolina	D.C.	Whiteford, Joseph Silver (LL.B.) A.B. 1943, Western Maryland College	Md.
Want, LeRoy Marston (LL.B.) B.S. 1942, University of South Carolina	Va.	Whitehouse, Henry (LL.B.) A.B. 1941, College of William and Mary	D.C.
Warner, Joan Carol (LL.B.) B.S. 1942, Duquesne University	Miss.	Whitesel, James Warren (LL.B.) B.S. 1943, Wake Forest College	D.C.
Washington, James William (LL.B.) A.B. 1936, Lafayette College	Wash.	Wild, Paul Joseph (LL.B.) A.B. 1938, Drake University	Iowa
Watkins, William Henry (LL.B.) B.S. 1947, University of Maryland	D.C.	Willard, Harry L. (LL.B.) B.S. in Chem. Eng. 1935, University of Illinois	Ill.
Watson, Bruce Parish (LL.B.) A.B. 1941, University of North Carolina	Va.	Willenbacher, Dorothy Elizabeth (LL.B.) A.B. 1940, Swarthmore College	D.C.
Watts, William Allen (LL.B.) A.B. 1941, University of North Carolina	D.C.	Williams, John Ronald (LL.B.) B.C.E. 1941, North Carolina State Teachers College	Va.
Webb, Henry Gorham (LL.B.) B.S. 1948, University of North Carolina	D.C.	Williams, Theodore Gales (LL.B.) Williams, William Edward (LL.B.)	Pa. Md.
Webb, Richard William (LL.B.) B.S. 1942, University of Maryland	N.C.	A.B. 1934, Western Maryland College	Va.
Webster, Edward (LL.B.) B.S. 1939, University of Maryland	N.C.	Willis, John William (S.J.D.) A.B. 1934, University of California at Los Angeles	
Webster, John M. (LL.B.) B.S. 1937, George Peabody College for Teachers	N.C.	LL.B. 1937, University of South Carolina	
Wedgeworth, Ola F. (LL.B.) B.S. 1937, George Peabody College for Teachers	Va.	Wilson, Vernon Claude (LL.B.) Wilson, Wallace Ancil (LL.B.)	D.C. D.C.
Weiler, James Frederick (Und.) B.S. 1939, LL.B. 1942, University of Texas	D.C.	Wingate, Victor Meade (LL.B.) B.S. 1933, University of Maryland	Md.
Weiner, Wolford Harris (LL.B.) A.B. 1940, University of Mississippi	Minn.	Withers, John Lewis (LL.B.) B.S. 1940, Davidson College	Md.
Weiss, Henry (LL.B.) A.B. 1942, The George Washington University	Ala.	A.M. 1941, University of North Carolina	
Weiss, Sidney (LL.B.) B.B.A. 1942, College of the City of New York	Tex.	Wofford, William Tatum (LL.B.) B.S. in E.E. 1942, Agricultural and Mechanical College of Texas	Tex.
Weissman, Milton (LL.B.) B.Ch.E. 1939, New York University	N.Y.	Wolfand, David (LL.B.) B.E.E. 1943, College of the City of New York	D.C.
Wells, Alfred Washburn (LL.B.) A.B. 1939, Yale University	N.Y.	Wolverton, Ruthe Evelyn Nash (LL.B.) A.B. 1944, Connecticut College	Conn.
Wells, Algie Aaron (LL.M.) A.B. LL.B. 1941, University of Texas	Va.	Wong, Wing (LL.B.) Wood, Charles William (LL.B.)	D.C. Pa.
Wendel, Clarence Adami (LL.B.) B.S. 1934, M.S. 1935, Montana School of Mines	N.Y.	Woodling, Francis Albert (LL.B.) A.B. 1946, The George Washington University	Md.
Wendt, C. Morten (LL.B.) A.M. 1939, University of South Dakota	Tex.	Woods, Russell Marshall (LL.B.) Woodside, Walter Wesley (LL.B.)	Va. Ill.
Y			
	Mont.	Yates, Robert Mallory (LL.B.) B.S. in M.E. 1930, New Mexico State Teachers College	N.M.
	Iowa		

Yoder, Ralph Ernest, Jr. (LL.B.) B.S. 1938, Iowa State College of Agriculture and Mechanic Arts	D.C.	Yourman, Edwin (LL.M.) A.B. 1937, LL.B. 1939, University of Oklahoma	Okla.
Yokely, William Ross, Jr. (LL.B.)	D.C.		
Young, Jack Martin (LL.B.) B.S. 1943, Case School of Applied Science	Ohio	Z	
Young, James Thompson (LL.B.) A.B. 1946, University of New Hamp- shire	N.H.	Zachy, William Brown, Jr. (LL.B.) A.B. 1941, University of Florida	Fla.
Young, William Alexander (LL.B.) B.S. 1925, Alabama Polytechnic In- stitute	Ala.	Zaskalicky, Julius I. (LL.B.) B.E. 1942, Yale University	Conn.
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SUMMARIES OF REGISTRATION

SUMMER TERM 1946

FALL AND WINTER TERMS 1946-47

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	8	Nevada	3
Alaska	2	New Hampshire	4
Arkansas	7	New Jersey	17
California	17	New Mexico	5
Colorado	2	New York	77
Connecticut	13	North Carolina	11
Delaware	1	North Dakota	4
District of Columbia	265	Ohio	26
Florida	19	Oklahoma	14
Georgia	9	Oregon	3
Idaho	8	Pennsylvania	37
Illinois	25	Rhode Island	2
Indiana	9	South Carolina	3
Iowa	11	South Dakota	8
Kansas	5	Tennessee	8
Kentucky	9	Texas	25
Louisiana	3	Utah	12
Maine	8	Virginia	122
Maryland	105	Washington	10
Massachusetts	23	West Virginia	12
Michigan	9	Wisconsin	14
Minnesota	9	Wyoming	2
Mississippi	5	Philippine Islands	1
Missouri	18	Puerto Rico	4
Montana	8		
Nebraska	5		

1,027

GRADUATES OF COLLEGES REGISTERED IN THE LAW SCHOOL

Agricultural and Mechanical College of Texas	3	Bluffton College	1
Akron, University of	3	Boston College	1
Alabama, University of	3	Boston University	4
Alabama Polytechnic Institute	2	Bowdoin College	1
Alaska, University of	1	Brigham Young University	3
Alma College	2	Brooklyn College	14
American University	4	Brown University	5
Amherst College	2	Bryn Mawr College	1
Arizona, University of	1	Bucknell University	2
Arkansas, University of	1	Buffalo, University of	1
Baylor University	1	California, University of	7
Berea College	1	California at Los Angeles, University of	1
Birmingham-Southern College	1	Carleton College	1

Carnegie Institute of Technology.	1	Howard Payne College	1
Case School of Applied Science ..	3	Hunter College	1
Catholic University of America ..	3	Huron College	1
Chattanooga, University of	2	Idaho, College of	2
Chicago, University of	1	Idaho, University of	3
Cincinnati, University of	5	Illinois, University of	13
Citadel, The	4	Illinois Institute of Technology ..	3
Clark University	2	Illinois Wesleyan University	1
Clemson Agricultural College	1	Indiana University	7
Colby College	4	Iowa, State University of	8
Colgate University	2	Iowa State College of Agriculture	
Colorado College	1	and Mechanic Arts	3
Columbia College	1	Iowa State Teachers College	2
Columbia University	8	John B. Stetson University	2
Concord College	1	John Brown University	1
Connecticut, University of	2	Johns Hopkins University	5
Connecticut College	1	Kalamazoo College	1
Cooper University	1	Kansas, University of	2
Cornell University	7	Kansas City, University of	1
Culver-Stockton College	1	Kansas State College	1
Dartmouth College	3	Kent State University	2
Davidson College	2	Kentucky, University of	1
Dayton, University of	1	Kenyon College	1
DePauw University	2	Lafayette College	3
Detroit, University of	1	Lake Forest College	1
Dickenson College	1	LaSalle College	1
Drake University	3	Lehigh University	3
Drew University	1	Lincoln Memorial University	2
Drexel Institute of Technology...	2	Louisiana Polytechnic Institute ..	1
Duke University	5	Louisville, University of	1
Dunbarton College of the Holy		Loyola University	2
Cross	1	Maine, University of	1
Duquesne University	2	Marietta College	1
D'Youville College	1	Marquette University	2
Elon College	1	Marshall College	4
Emory and Henry College	1	Maryland, University of	37
Emory University	1	Maryville College	2
Florida, University of	10	Marywood College	1
Florida State College for Women	1	Massachusetts Institute of Tech-	
Fordham University	4	nology	6
Fort Hays Kansas State College..	1	Miami, University of	1
George Peabody College for		Miami University	2
Teachers	1	Michigan, University of	15
George Washington University ..	90	Michigan State College of Agri-	
Georgetown College	1	culture and Applied Science	1
Georgetown University	8	Michigan State Normal College ..	1
Georgia, University of	4	Middle Tennessee State College ..	1
Georgia School of Technology	1	Middlebury College	1
Georgian Court College	1	Millsaps College	1
Hamilton College	2	Milton College	1
Hamline University	1	Minnesota, University of	5
Harvard University	19	Mississippi, University of	1
Hawaii, University of	1	Mississippi State College	1
Henderson State Teachers College	1	Missouri, University of	4
Houston, University of	1	Montana School of Mines	1

Montana State College	1	Presbyterian College of South Carolina	1
Moravian College and Theological Seminary	1	Princeton University	8
Morris Harvey College	1	Puget Sound, College of	2
Mount Holyoke College	1	Purdue University	5
Muhlenberg College	1	Queens College	1
Murray State Teachers College ..	1	Radcliffe College	1
Nebraska, University of	4	Randolph-Macon College	2
Nebraska Wesleyan University ..	1	Randolph-Macon Woman's College ..	1
Nevada, University of	2	Redlands, University of	1
Newark College of Engineering ..	1	Rensselaer Polytechnic Institute..	2
New Hampshire, University of ..	3	Rhode Island State College	1
New Jersey State Teachers College	1	Rice Institute	1
New Mexico, University of	2	Richmond, University of	3
New Mexico College of Agriculture and Mechanic Arts	1	Roma, University of	1
New Mexico State Teachers College	2	Rutgers University	4
New Rochelle, College of	2	St. John's College	1
New York, College of the City of ..	32	St. Joseph's College	2
New York University	12	St. Louis University	1
North Carolina, University of ...	12	St. Peter's College	1
North Carolina State Teachers College	2	San Francisco, University of	1
North Dakota, University of	4	Scranton, University of	1
North Dakota State Teachers College	3	Smith College	1
Northeastern University	4	South, University of	1
North Texas State Teachers College	1	South Carolina, University of ...	7
Northern Illinois State Teachers College	1	South Dakota, University of	5
Northwest Missouri State Teachers College	1	Southeast Missouri State Teachers College	1
Northwestern University	3	Southern California, University of	2
Notre Dame, University of	2	Southern Methodist University ..	1
Oberlin College	4	Southwest Missouri State Teachers College	1
Ohio State University	8	Stanford University	4
Ohio University	2	Stevens Institute of Technology..	2
Ohio Wesleyan University	2	Suffolk University	1
Oklahoma, University of	9	Swarthmore College	2
Oklahoma Agricultural and Mechanical College	2	Syracuse University	7
Oregon, University of	1	Temple University	2
Oregon State College	1	Tennessee, University of	1
Park College	1	Texas, University of	7
Pennsylvania, University of	9	Texas Technical College	1
Pennsylvania State College	5	Trinity College	5
Pennsylvania State Teachers College	2	Tufts College	1
Philippines, University of	1	Tulane University	2
Pittsburgh, University of	5	Union College	1
Polytechnic Institute of Brooklyn	1	United States Coast Guard Academy	4
Pomona College	2	United States Military Academy..	2
		United States Naval Academy ...	18
		Utah, University of	5
		Utah State Agricultural College..	2
		Vanderbilt University	1
		Vassar College	2
		Villanova College	3
		Virginia, University of	21

Virginia Military Institute	2	Western Michigan College of Edu-	
Virginia Polytechnic Institute ...	8	cation	1
Wake Forest College	2	Western Reserve University	2
Washington, University of	3	Westminster College	1
Washington and Lee University ..	6	Wichita, Municipal University of.	1
Washington College	1	William and Mary, College of ...	4
Washington University	1	William Jewell College	1
Wassburg, University of (Ger-		Wilson Teachers College	1
many)	1	Wisconsin, University of	12
Wellesley College	3	Wooster College	1
Wesleyan University	3	Worcester Polytechnic Institute ..	5
Western College	1	Wyoming, University of	3
West Tennessee State Teachers		Yale University	12
College	1	Yankton College	1
West Virginia University	3		
Western College	1	Number of college graduates.	802
Western Maryland College	5	Number of colleges represented	255

GENERAL SUMMARY

Students registered, summer term 1946, fall and winter terms 1946-47:

Candidates for the degree of Bachelor of Laws	932
Candidates for the degree of Juris Doctor	5
Candidates for the degree of Master of Laws	71
Candidates for the degree of Doctor of Juridical Science	3
Total candidates for degrees	1,011

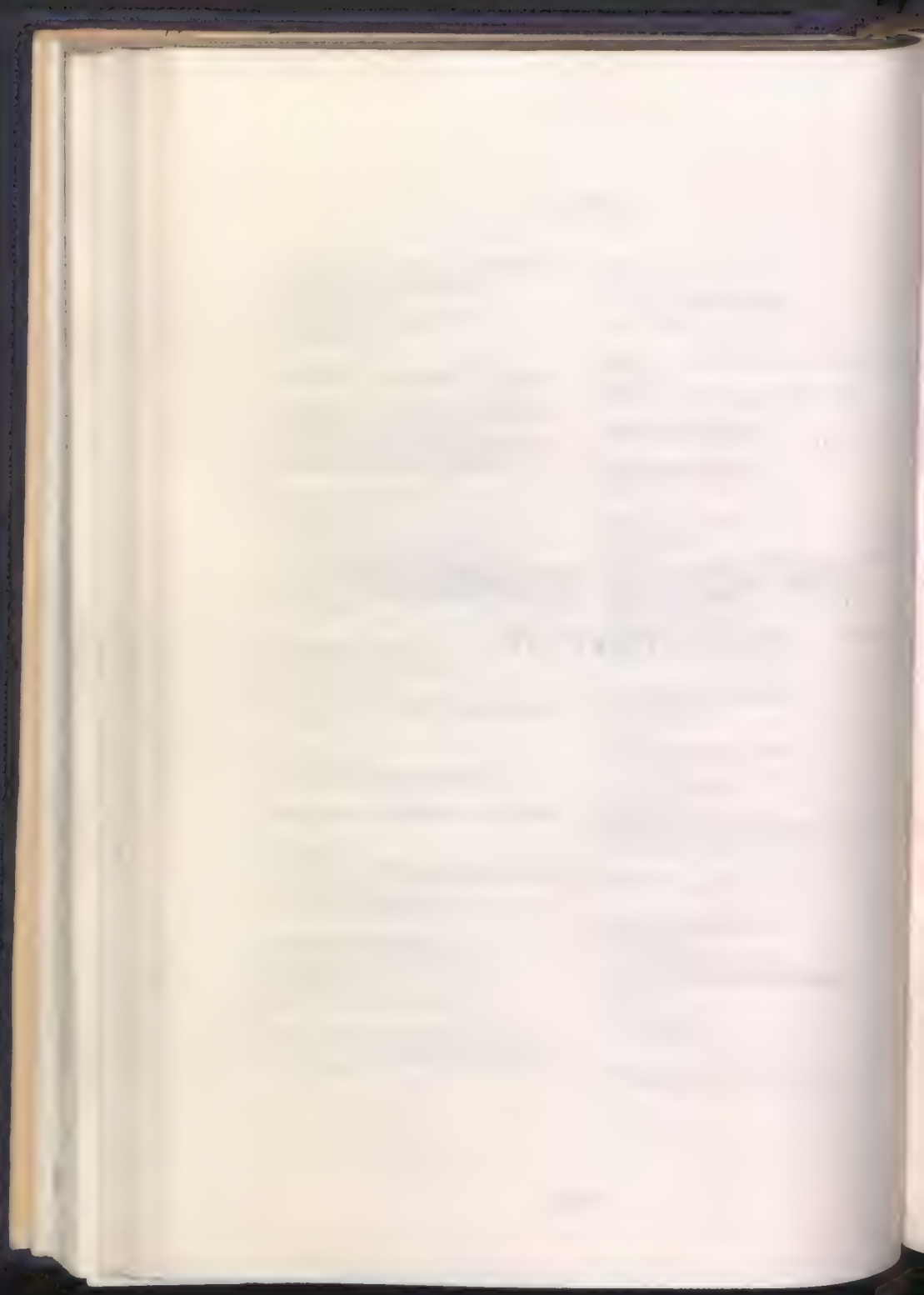
Unclassified students	14
Special students	2
Total	1,027

INDEX

- Academic status of the University, 5-6
- Administration, officers of, 4
- Admission, 15-17
- Advanced standing, 16
- Attendance, 20
- Bachelor of Laws, degree of, 16, 23-24
- Calendar of the School, 1947-48, vi
- Classification of students, 22
- Course numbers, explanation of, 29
- Courses of instruction, 27-34
- Dean's Council, 12
- Degrees, 23-26:
 - Conferred, 1946-47, 35-36
 - In the graduate course, 25-26
 - In the professional course, 23-25
- Doctor of Juridical Science, degree of, 17, 25-26
- Emeritus professors, 9
- Employment, student, 22
- Examinations, 21
- Exclusion and probation for poor scholarship, 21
- Faculty, 9-12
- Fees and financial regulations, 17-19
- Geographical distribution of students, 54
- Grades, 20
- Graduates of colleges registered in the School, 54-57
- Graduation requirements, 23-26
- Health Administration, 23
- History of the University, 5
- Honors, 25
- Hours of instruction, 20
- Juris Doctor, degree of, 16, 24-25
- Juridical Science, degree of Doctor of, 17, 25-26
- Law Review*, 13
- Library, 13
- Living accommodations, 22
- Loan funds, 20
- Master of Comparative Law, degree of, 16, 25
- Master of Laws, degree of, 16, 25
- Order of the Coif, 15
- Placement Office, 22
- Prizes, 19
- Refund of tuition, 18-19
- Registration, 17
- Registrations in the School, number of, 57
- Regulations, 20-22
- Residence halls, 22
- Residence requirements, 20, 23-24, 25
- Right to drop students, 22
- Scholarship, 16, 17, 24, 25
- Scholarships, 19
- Student:
 - Bar Association, 14-15
 - Fee, 17
 - Employment, 22
 - Life, 22-23
- Students registered, 1946-47, 37-53
- Summaries of registration, 54-57
- Trustees, Board of, 3
- Unclassified students, 17
- University:
 - Academic status, 5-6
 - Colleges, Schools, and Divisions, 5
 - Fee, 18
 - History, 5
 - Location, 6
- Withdrawals and refunds, 18-19

THE SCHOOL OF MEDICINE

1947-48



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CONTENTS

Calendar of the School of Medicine.....	vi
The Board of Trustees.....	1
Officers of Administration.....	2
Faculty and Staff of Instruction in Medicine.....	3
Assistants in Research and Instruction.....	15
Technical Assistants	16
Administrative Assistants	17
The School of Medicine.....	18
Courses of Instruction.....	34
Anatomy	35
Bacteriology, Hygiene, and Preventive Medicine.....	36
Biochemistry	38
Dermatology and Syphilology.....	39
Medicine	40
Military Science and Tactics.....	44
Neurology and Neurological Surgery.....	45
Obstetrics and Gynecology.....	46
Ophthalmology	48
Oto-rhino-laryngology	49
Pathology	50
Pediatrics	51
Pharmacology	53
Physiology	54
Psychiatry	56
Surgery	57
Urology	60
Degrees Conferred, May 28, 1947.....	61
Students Registered, 1946-47.....	63
Summaries of Registration, 1946-47.....	67

CALENDAR OF THE SCHOOL OF MEDICINE

1947-48

Date	Day	Occasion
1947:		
Sept. 9	Tuesday	Pre-session examinations
Sept. 11 and 12 ...	Thursday and Friday ...	Registration period for the academic year 1947-48
Sept. 15	Monday	Academic year begins
Nov. 27-29	Thursday through Saturday	Thanksgiving recess
Dec. 22-Jan. 1	Monday through Thursday	Christmas recess
1948:		
Jan. 19-27	Monday through Tuesday	Fall term examination period
Jan. 28	Monday	Classes resume for the winter term
Feb. 23	Monday	Winter Convocation. Holiday
March 26 and 27 ..	Friday and Saturday	Easter recess
May 1	Saturday	Last day for applications for degrees to be conferred in May
May 12-20	Wednesday through Thursday	Winter term examination period
May 23	Sunday	Baccalaureate Sermon
May 26	Wednesday	Commencement

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Fellow in Biochemistry

MARION BALLARD RICHMOND, B.S., M.D.

Fellow in Neurology and Neurological Surgery

JAY AARON ROBINSON, B.S., M.D.

Fellow in Medicine

MORRISON RUTHERFORD, M.D.

Fellow in Obstetrics and Gynecology

BENJAMIN WILLIAM SMITH, B.S.
Teaching Fellow in Biochemistry

CELIA WHITE TABOR, A.B., M.D.
Fellow in Medicine

JEAN VIVINO, A.B., M.D.
Fellow in Medicine

ROBERT ORR WARTHEN, M.D.
Fellow in Pathology

TECHNICAL ASSISTANTS

MARY JANE HARRELSON, A.B.
Technician in Medicine

SOLOMON HAZÁN
Technician in Biochemistry

MARY EVERIST KRAMER
Orthoptic Technician

CARROLL WIRT LAWRENCE
Technician in Bacteriology

CLARENCE WILBUR MILLER
Technician in Pathology

CAYETANO NAGAC, A.B.
Technician in Pathology

CATHERINE LOUISE PRICE, B.S.
Technician in Anatomy

ANN BROWNING SNODGRASS, A.B.
Technician in Neurology

BERYL LORETTA STIFFLER, B.S.
Technician in Medicine

ROLLAN SWANSON
Technical Assistant in Pharmacology

ADMINISTRATIVE ASSISTANTS

THE SCHOOL OF MEDICINE

Catherine Breen, *Assistant to the Dean of the School of Medicine*

Sally Brewster Jamieson, A.B., B.S. in L.S., *Assistant Librarian, Medical Library*

Anne Elizabeth Schnepfe, *Secretary*

Shirley Thorne, *Secretary*

Joyce Elizabeth Smith, *Secretary*

Joan Winifred Weidaw, *Secretary*

Edith Lucile Duckworth, *Research Assistant in Obstetrics and Gynecology*

Margaret Mary Hartnett, *Secretary*
Mary Alice Irish, *Secretary*

THE UNIVERSITY HOSPITAL

Juanata Pullen Love, R.N., *Superintendent of Nurses*
Tommie Jones Bolton, *Secretary to the Medical Director*
Margaret Mary Luquer, *Bookkeeper*
Ethel Holtzapple, *Admitting Clerk*
Catherine Tilley Evans, *Dispensary Clerk*
Theodosia Foxwell Garnett, M.T., S.R.N., *Laboratory Supervisor*
Dorothy Louise Wine, M.T., *Laboratory Technician*
Anne Irene Mendelson, A.B., M.T., *Laboratory Technician*
Leopold Henry Forster, Phar.G., *Pharmacist*
Virginia Murdoch, *X-ray Technician*
Clara Kurtz, A.B., M.S., *Dietitian*
Margaret Scruggs French, *Record Librarian*

THE SCHOOL OF MEDICINE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*
Thomas Martin Peery, A.B., M.D., *Director of Postgraduate Instruction*

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*
Walter Freeman, Ph.D., M.D., *Professor of Neurology*
Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine*
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology*
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology*
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*
Frederick A. Reuter, M.D., *Professor of Urology*
Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology*
Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*
John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology*
Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics*
Ernest Alfred Watson Sheppard, M.D., C.M., *Professor of Ophthalmology*
Brian Blades, A.B., M.D., *Professor of Surgery*
Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*
James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*
Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*
Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*
Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*
Ira Rockwood Telford, Ph.D., *Associate Professor of Anatomy*
Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*
Leo Gregor Schmelzer, *Superintendent of the University Hospital*

COMMITTEES •

THE DEAN'S COUNCIL

Winfred Overholser

Joseph Hiram Roe

Brian Blades

• The President of the University and the Dean of the School of Medicine are members ex officio of all committees.

COMMITTEE ON ADMINISTRATION OF THE UNIVERSITY HOSPITAL AND DISPENSARY

John Parks Walter Andrew Bloedorn, *Chairman* Brian Blades
Leo Gregor Schmelzer

COMMITTEE ON ADMISSIONS

Leland Wilbur Parr, *Chairman*
Thomas Martin Peery

COMMITTEE ON CURRICULUM

Leland Wilbur Parr Thomas Martin Peery, *Chairman* John Parks
Harry Filmore Dowling

COMMITTEE ON GRADUATE STUDIES

John Parks Errett Cyril Albritton, *Chairman* Angus MacIvor Griffin

COMMITTEE ON LIBRARY

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COMMITTEE ON SCHOLARSHIP

Joseph Hiram Roe John Parks, *Chairman* Leland Wilbur Parr
Chester Elwood Leese

COMMITTEE ON INTERN AND RESIDENT TRAINING

Brian Blades Lloyd Harvey Mousel, *Chairman*
Thomas Martin Peery Harry Filmore Dowling
John Parks Thomas McPherson Brown
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ADVISORY COMMITTEE ON POSTGRADUATE INSTRUCTION

Thomas MacPherson Brown Thomas Martin Peery, *Chairman*
Lewis Kaigler Sweet Harry Filmore Dowling
John Parks Brian Blades
Walter Freeman Winfred Overholser
Earnest Alfred Watson Sheppard

GENERAL INFORMATION

INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.

PLAN OF INSTRUCTION

Each year of the medical curriculum is divided into two terms of sixteen weeks each. The curriculum for the degree of Doctor of Medicine must begin with the fall term.

The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. The clinical material in the various hospitals and out-patient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

EQUIPMENT AND FACILITIES

The George Washington University Hospital.—With the aid of a grant from the Federal Works Administration in the amount of \$2,700,000.00, a new 400 bed hospital is being constructed. It occupies the block bounded by 22d Street, 23d Street, I Street, and Washington Circle on Pennsylvania Avenue, Northwest. Its purpose is to supplement the existing hospital resources of the District of Columbia for the care of patients, the education of physicians and nurses, and the advancement of medical knowledge.

The new hospital will be staffed and controlled by the faculty of the George Washington University School of Medicine and will provide excellent clinical material for the instruction of medical students. Virtually every specialty in the field of medicine and surgery will have especially assigned space and equipment in this splendid new institution.

The present hospital and dispensary are adjacent to the School of Medicine.

Medical School Building.—The building housing the School of Medicine is a five-story structure with lecture rooms and classrooms, laboratories, and students' rooms.

Laboratories.—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for anatomy, histology and embryology, bacteriology, hygiene and preventive medicine, biochemistry, pathology, pharmacology and physiology, and clinical microscopy. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

Medical Library.—The Library contains a selected reference collection of more than 6,500 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequalled by any other museum in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.

CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

The University Hospital.—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, labora-

tory records and the post-mortem pathology when available, are presented and correlated.

The University Dispensary.—The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. Fourth-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

Gallinger Municipal Hospital.—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District of Columbia, whereby one half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University. Third-year students serve their clinical clerkships at this institution.

Childrens Hospital.—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

Emergency Hospital and Central Dispensary.—Clinical instruction in medicine, surgery, and the specialties.

Garfield Memorial Hospital.—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

St. Elizabeths Hospital.—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital, with 7,320 beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

Episcopal Eye, Ear and Throat Hospital.—Clinical instruction in ophthalmology, otology, rhinology, and laryngology.

ADMISSION

Ninety hours of credit applicable toward a degree in this University or another college of liberal arts and sciences are required for admission to the School of Medicine.

A credit hour represents one class hour or a minimum of two laboratory hours a week for a period of one term of approximately fifteen weeks.

SPECIFIC EDUCATIONAL REQUIREMENTS

Secondary School Requirements

Of the fifteen secondary school units required, three must be in English, two in one foreign language (ancient or modern), one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in English, foreign language, mathematics, science, and history.

Premedical College Requirements

NINETY CREDIT HOURS

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.
2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.
3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.
4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.
5. Modern foreign language: a reading knowledge, preferably of French or German.
6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

ADVANCED STANDING

A student who has satisfactorily attended one or two years at any other "class A" medical school, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

APPLICATION FOR ADMISSION

1. Full directions for application will be furnished on request. The applicant should ask the registrar of each college previously attended to send an official transcript of record to the Director of Admissions, The George Washington University. Photostatic copies of credentials without the original signature of the certifying authority are not satisfactory.
2. A recent photograph, with signature, is required of each applicant.
3. As the number of qualified applicants for admission to the School each year far exceeds its capacity, the candidate for admission should secure from the colleges attended completely compiled premedical credentials and send them for evaluation well in advance of the term for which he is applying.
4. A fee of \$3 to defray the costs of completing the records for final consideration for admission must accompany each application.

REGISTRATION AND ADMISSION TO CLASSES

Registration in the School of Medicine is for a period of one academic year. After the student has entered the courses of instruction he is obligated for the full tuition for the academic year. No part of the tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever, in the interest of the student or the School, the Faculty deems it advisable to do so.

Students are admitted to classes on presentation of the University Membership Card, which is issued when all required fees have been paid.

FEES AND FINANCIAL REGULATIONS

The following fees have been adopted:

Tuition fee, for each academic year.....	\$600.00
Fee for special examinations, for each subject.....	5.00
Graduation fee	20.00

PAYMENT OF FEES

Fees for each term are \$300, payable in advance.

All fees are payable at the Office of the Cashier of the University, 725 Twenty-first Street NW. Fees due must be paid at the time of registration; no student is permitted to complete registration or to attend classes until fees are paid.

On account of the many applications for admission, and as the size of each class is limited, places can be reserved only for those qualified applicants who remit a deposit of \$100 which will be credited toward the tuition of the first term. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$50 for registration, transfer, etc., will be returned up to one month before the opening of the session.

Students will be required to pay for injury to apparatus and other University property. All breakage and loss not directly traceable to an individual student are assessed pro rata. Each student is required, at the completion of laboratory courses, to replace or pay for all articles of equipment which he has lost, broken, or destroyed. Credit for work will not be given until this is done.

COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$350; second year, \$150; third year, \$100; fourth year, \$100; total \$700.

A fee of \$1 a term is charged for the use (optional) of a locker.

LOAN FUNDS

For information concerning loan funds consult the Chairman of the Committee on Student Loans and Scholarships, The George Washington University.

LIVING ACCOMMODATIONS

Women Students.—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the women's residence halls, single rooms with breakfast and dinner are \$60 and \$65 a month; double rooms, with the same service, are \$53 and \$58 a month a person. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

Men Students.—A limited number of single and double rooms are provided for men students in temporary dormitories. Residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Vacancies will be filled from the list of applicants in accordance with the date of application. Single rooms are \$17 and \$18 a month; double rooms are \$12 and \$13 a month a person. Forms for applications for room reservation may be obtained from the Director of Activities for Men.

REGULATIONS

Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.

ABSENCE

Absence is not allowed unless an excuse is obtained from the Dean or the instructor.

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the Office of the Dean.

For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

GRADES

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74), condition; *E* (below 64), failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

FAILURE

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.

EXAMINATIONS

Examinations which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES

HEALTH ADMINISTRATION

Students are entitled to the health services hereinafter described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of all entering students; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during an academic year—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

Students are allowed, if they so desire, to engage physicians and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to

limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) students who have severed their connection with the University are ineligible for medical benefits.

PHYSICAL EXAMINATIONS*

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

AWARDS AND HONOR SOCIETIES

John Ordronaux Prize.—This prize of \$70 is awarded annually to the member of the graduating class of the School of Medicine who has completed the four-year medical course with the highest scholastic standing.

William Beaumont Medical Society.—Medical students showing unusual ability are elected by the active members of this society, which was founded to encourage and stimulate individual investigation.

A. F. A. King Obstetrical Society.—The fifteen students in the third and fourth year classes who maintain the highest grades in their work in obstetrics are eligible for membership.

Smith-Reed-Russell Society.—Students of the third and fourth years who maintain a scholastic average of 86 per cent are eligible for associate membership.

RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY, MEDICAL UNIT

A Medical Unit of the Reserve Officers' Training Corps is established in this School by authority of the Secretary of War, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the unit.

Membership in the Unit, which is voluntary, is open to any physically

* A charge of \$2 is made if a student fails to appear for a physical examination during the period set for this purpose.

fit male student who is a citizen of the United States. The instruction is divided into two two-year courses, the basic and the advanced. Students who satisfactorily complete the basic course may, up to the quota allowed by the War Department, enter the advanced course. A student who enters the advanced course receives approximately \$500 from the Government. He is obligated to complete the course.

A student who successfully completes the course is recommended for a commission in the Medical Section, Officers' Reserve Corps, if he desires appointment. A graduate may, after completion of one year's internship in a civil hospital, compete in the examinations held yearly for appointment as first lieutenant in the Medical Corps, Regular Army.

HOSPITAL APPOINTMENTS

Interns and residents are appointed annually in the University Hospital.

Students who, after graduation, desire internships in other hospitals should apply directly to the institution which they wish to enter. A list of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the Office of the Dean.

COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the states, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington, D. C.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905. All alumni and members of the Faculty are eligible for membership on election. Meetings of the Society are held in the School of Medicine on the third Saturday evening of each month from October to May. Senior students are invited to attend the meetings of this Society.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology and Neurological Surgery; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology; Pediatrics; Pharmacology; Physiology; Psychiatry; Surgery; and Urology.

CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

COMBINED ARTS AND MEDICINE CURRICULUM

The candidate registers in the Junior College for the freshman and sophomore years of the premedical curriculum and in Columbian College for the Junior year. In order to be recommended for the degree of Bachelor of Arts, he must complete at least ninety credit hours of prescribed college work exclusive of Physical Education (at least thirty credit hours and one year of residence must be completed in Columbian College), and the first year of the medical curriculum. Upon satisfactory completion of the fourth year in the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

GRADUATE AND POSTGRADUATE INSTRUCTION

In cooperation with the W. K. Kellogg Foundation, the School of Medicine offers broad opportunities for graduate and postgraduate training in the various medical and surgical specialties.

The New George Washington University Hospital, to be completed in 1947, will offer graduate training in most of the specialties. In addition to the practical experience to be obtained in the wards and out-patient clinics, facilities available to the School of Medicine provide graduate instruction in the basic medical sciences.

For the practicing physician, an annual series of intensive postgraduate courses is offered, covering many of the clinical specialties. These courses are full-time and of short duration, varying from one to six weeks. Recent advances in each field are stressed.

In planning this series, advantage is taken not only of the usual facilities of the School of Medicine and affiliated hospitals, but also of the great federal hospitals and research institutions in the National Capital. For these postgraduate courses, the Staff of the School of Medicine is augmented by a large guest faculty, selected from all parts of the country because of their eminence as teachers and specialists.

The 1947-48 series will include the following courses:

Neurology	Abdominal Surgery
Psychiatry	Anesthesia
Newborn and Premature	Thoracic Surgery and Endoscopy
Obstetrics	Thoracic Medicine
Gynecology	Infectious Diseases
Ocular Surgery; Pathology and	Metabolic Diseases
Orthoptics	Cardiovascular Diseases
Ophthalmology	Recent Advances in Internal
Surgery of the Extremities	Medicine

Correspondence relative to the courses discussed in this section should be addressed to the Director of Postgraduate Instruction, The School of Medicine.

In addition to the program described above, the Department of Ophthalmology offers an annual intensive one-week course in Ocular Surgery, Pathology, and Orthoptics and an intensive one-week course in Ophthalmology. Correspondence relative to these courses should be directed to the Professor of Ophthalmology, the School of Medicine.

ORTHOPTIC TECHNICIAN TRAINING COURSE

A six-month course, of 675 hours of clinical and classroom work, is offered for the training of orthoptic technicians by the Department of Ophthalmology.

MEDICAL TECHNOLOGISTS COURSE

The course for medical technologists consists of twelve consecutive months of didactic and practical work in all phases of clinical laboratory technique. The course meets the full requirements of the Registry of Medical Technologists and the American Society of Clinical Pathologists. Prerequisite: Biology, 12 credit hours of which at least 6 must be Zoology. The other 6 may be elected from: Histology, Embryology,

Anatomy, Physiology, Parasitology, and Bacteriology. Chemistry: General Inorganic Chemistry, 8 credit hours of which at least 4 credit hours must be laboratory work. Quantitative Analysis: at least 4 credit hours with not less than 1 credit hour of laboratory work. (Organic Chemistry may be substituted for Quantitative Analysis, for the present.) Electives: Sufficient to give a total of 60 hours of college credit. The following courses are highly recommended but they are not required: Physics, Biochemistry, Advanced Bacteriology, and Mathematics.

For application blanks and further information, address the Director of Admissions, The George Washington University, Washington 6, D. C.

COURSES OF INSTRUCTION

On the following pages of this BULLETIN, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the School of Medicine. The courses here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

EXPLANATION OF COURSE NUMBERS AND SYMBOLS

The number which precedes the name of a course indicates the term of the academic year in which the course is offered. An odd number indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (e.g., 343-44), that it begins in the fall term and continues in the winter.

A number in parentheses after the name of a nonprofessional course, indicates credit hours.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

ANATOMY

Webb Edward Haymaker, M.D., M.S., *Professorial Lecturer in Anatomy*
 Ira Rockwood Telford, Ph.D., *Associate Professor of Anatomy, Executive Officer*

Paul Calabrisi, A.M., *Assistant Professor of Anatomy*

William Lipscomb Jamison, A.B., M.D., *Instructor in Anatomy*

Thomas Clarkson Worth, M.D., *Clinical Instructor in Anatomy*

101-2 *Gross Anatomy*

The Staff

Regional dissection of the human body supplemented with lectures and quiz sections. Study of X-ray anatomy to emphasize the functional aspects of the position, shape, and relation of the viscera and skeletal components. Eighteen hours a week, fall term; nine hours a week, winter term.

103 *Human Embryology*

The Staff

The origin and development of the human body. Special emphasis on the value of embryology in interpreting anatomical anomalies and variations as seen in gross dissection, surgery, obstetrics, and pathology. Three hours a week.

105 *Neuro-Anatomy*

The Staff

The macroscopic and microscopic study of the central nervous system and the special sense organs. Emphasis on such dynamic aspects as development, pathways, lesions, etc. Six hours a week.

106 *Microscopic Anatomy*

The Staff

Study of the detailed minute structure of cells, tissues, and organs of the human body with emphasis on the relation of structure to function. Recognition and interpretation of histological sections tested by practical examinations. Six hours a week.

201-2 *Seminar*

The Staff

Reports and discussions of special topics by the staff and graduate students. Regular medical students are encouraged to attend. One hour a week.

203-4 *Research*

The Staff

Hours and credits to be arranged.

BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*
Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public
Health Practice*

Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*

Mary Louise Robbins, Ph.D., *Instructor in Bacteriology*

Lewis Walke McIlhany, M.S., M.D., *Clinical Instructor in Public
Health Practice*

William Gray McCarten, B.S., *Associate in Bacteriology*

SEMINAR LECTURERS

Roscoe Roy Spencer, A.B., M.D., *Professorial Lecturer in Hygiene and
Preventive Medicine*

Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Pre-
ventive Medicine*

Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Pre-
ventive Medicine*

Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial
Hygiene*

Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in
Preventive Medicine*

Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical My-
cology*

Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical
Zoology*

John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal
Disease Control*

Herman Ertresvaag Hilleboe, B.S., M.D., M.P.H., *Professorial Lec-
turer on Tuberculosis Control*

Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*
Robert Carter Cook, *Professorial Lecturer on Medical Genetics*

112 *General Bacteriology* (4)

Griffin, Robbins

A study of the fundamentals of bacteriology, including industrial and hygienic applications. Several groups of bacteria, yeasts, and molds are studied in the laboratory. Material fee, \$7.50. Tues., Thurs., and Sat., 9:10 A.M. to 12:00 M.

- 209 *Bacteriology, Parasitology, and Immunology* Parr and Staff
 Bacteriological technique study of micro-organisms and parasites related to medical and hygienic problems. Methods of diagnosis are stressed and immunological procedures and theory fully treated. Eighteen hours a week for fourteen weeks.
- 210 *Immunology and Serology* Griffin
 Prerequisite: Bacteriology 112 or 209. One hour a week.
- 220 *Epidemiology and Instruction of Public Health (2)* Parr and Staff
 An introduction to epidemiology and public health involving subject matter suitable for the student of medicine who has not yet had clinical training. Tues. and Wed., 8:00 to 9:00 A.M.
- 303-4 *Research in Bacteriology* The Staff
 Time and credits to be arranged.
- 305-6 *Staff Seminar (1-1)* Parr and Staff
 Bi-weekly throughout the year.
- 401-2 *Public Health Practice (1-1)* Beachley
 Study of public health practice at national, state, city, and county levels. Public and private agencies. Mon., 8:00 to 9:00 A.M.
- 404 *Industrial Hygiene (1)* Sayers
 For senior medical students and qualified graduate students. Lecture course dealing with the problems of health maintenance and disease prevention and cure as affected by industry.

BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*
 *Arnold Kent Balls, Ph.D., *Adjunct Professor of Enzymology*
 William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*
 George Washington Irving, Jr., Ph.D., *Professorial Lecturer on Proteins*
 Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*

Mary Barbara Mills, M.S., *Instructor in Biochemistry*

Norman Phillip Goldstein, M.S., M.D., *Instructor in Biochemistry*

- 113-14 Biochemistry** Roe and Staff
 Physiological and clinical chemistry for the first-year medical student. Two lectures and two three-hour laboratory periods a week.
- 221-22 Biochemistry (4-4)** Treadwell
 A lecture and laboratory course for nonmedical students. Prerequisite: Chemistry 152. Material fee, \$12 a term. Time to be arranged.
- 224 Biochemistry of the Enzymes** Balls
 Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. (Not offered in 1947-48.)
- 225 Biochemical Preparations** The Staff
 Material fee, \$10. Time and credits to be arranged.
- 226 Biochemical Laboratory Methods** The Staff
 Material fee, \$10. Time and credits to be arranged.
- 227-28 Biochemistry Seminar (1-1)** Roe
 The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:45 P.M.
- 229-30 Research in Biochemistry** Roe, Treadwell
 Time and credits to be arranged.
- 231 Proteins and Amino Acids (1)** Irving
 A lecture course. Prerequisite: Biochemistry 114 or 221. Mon., 4:45 P.M.
- 299-300 Thesis (3-3)** Roe
- 404 Applied Nutrition (1)** Sebrell
 For senior medical students and graduate students. Lecture course upon dietary requirements, deficiency diseases, and therapeutic diets. Prerequisite: Biochemistry 114 or 222. Tues., 8:00 A.M.

* On leave of absence 1947-48.

DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology, Executive Officer*

George William Creswell, A.B., M.D., *Associate in Dermatology and Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Associate in Dermatology and Syphilology*

Theodore Claremont Chen Fong, M.D., *Associate in Dermatology and Syphilology*

James Quincy Gant, Jr., M.S., M.D., *Clinical Instructor in Dermatology and Syphilology*

313-14 *Dermatology and Syphilology* Anderson
Lectures on diseases of the skin and syphilis. One hour a week.

316 *Neurosyphilis* Fong
Lectures, clinical demonstrations, and practical diagnostic and therapeutic procedures. One hour a week for eight weeks.

317-18 *Clinic* Kirby-Smith
Case demonstrations, diagnosis, and treatment of skin diseases and syphilis. Three hours a week. Gallinger Hospital.

407-8 *Clinic* Anderson
Dermatology and syphilology in infants and children. Childrens Hospital. Two hours a week.

409-10 *Clinic* Anderson, Kirby-Smith
Clinical demonstration, diseases of the skin. Two hours a week. Emergency Hospital.

411-12 *Clinic* The Staff
Clinical demonstrations, diseases of the skin, and diagnosis and therapy of syphilis. One hour a week. University Hospital.

413-14 *Clinic* Creswell
Diagnosis, laboratory procedures, and treatment of syphilis. Two hours a week. Southwest Health Center.

MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine, Executive Officer*
- Coursen Baxter Conklin, A.M., M.D., *Clinical Professor of Medicine*
- Charles Robert Lee Halley, A.B., M.D., *Clinical Professor of Medicine*
- Paul Frederick Dickens, M.D., *Clinical Professor of Medicine*
- Harry Filmore Dowling, A.B., M.D., *Clinical Professor of Medicine*
- Benjamin Frank Miller, B.S., Chem. Eng., M.D., *Clinical Professor of Medicine*
- Joseph Thomas Roberts, M.D., Ph.D., *Adjunct Clinical Professor of Medicine*
- Thomas McPherson Brown, A.B., M.D., *Adjunct Clinical Professor of Medicine*
- Clark Harvey Yeager, M.D., Dr. P.H., *Professorial Lecturer on Tropical Medicine*
- Monroe James Romansky, A.B., M.D., *Associate Clinical Professor of Medicine*
- George Porter Robb, A.B., M.D., *Associate Clinical Professor of Medicine*
- Clayton Bernard Ethridge, M.D., *Associate Clinical Professor of Medicine*
- *Walter Kendall Myers, B.S., M.D., *Assistant Clinical Professor of Medicine*
- John Alton Reed, A.B., M.D., *Assistant Clinical Professor of Medicine*
- Theodore Judson Abernethy, M.D., *Assistant Clinical Professor of Medicine*
- William Travis Gibb, A.B., M.D., *Assistant Clinical Professor of Medicine*
- Edward Harvey Cushing, A.B., M.D., *Assistant Clinical Professor of Medicine*
- Watson William Eldridge, Jr., M.D., *Associate in Medicine*
- Herman Solomon Hoffman, A.B., M.D., *Associate in Medicine*
- John Minor, A.B., M.D., *Associate in Medicine*
- Maurice Protas, A.B., M.D., *Associate in Medicine*
- John Watkins Trenis, M.D., *Associate in Medicine*
- A. Fife Heath, M.D., *Associate in Medicine*
- Pearl Holly, M.S., M.D., *Associate in Medicine*
- Benjamin Manchester, M.D., *Associate in Medicine*
- Irving Wolfe Winik, M.D., *Associate in Medicine*
- Lawrence Jay Thomas, B.S., M.D., *Associate in Medicine*
- Louis Katz Alpert, B.S., M.D., *Associate in Medicine*

* On leave of absence 1947-48.

- James Joseph Feffer, A.B., M.D., *Associate in Medicine*
 Lawrence Elias Putnam, A.B., M.D., *Associate in Medicine*
 Eugene Pitcher Cronkite, A.B., M.D., *Associate in Medicine*
 Richard Bernard Castell, A.B., M.D., *Clinical Instructor in Medicine*
 Luther Henry Snyder, A.B., M.D., *Clinical Instructor in Medicine*
 Emil Herbert Bauersfeld, A.B., M.D., *Clinical Instructor in Medicine*
 John Bayne Marbury, M.D., *Clinical Instructor in Medicine*
 Louis Ross, M.D., *Clinical Instructor in Medicine*
 Carl Calvin Dauer, A.B., M.D., M.P.H., *Clinical Instructor in Medicine*
 Simon Weiner, B.S., M.D., *Clinical Instructor in Medicine*
 Clarence Richard Hartman, A.B., M.D., *Clinical Instructor in Medicine*
 Ruth Benedict, A.B., M.D., *Clinical Instructor in Medicine*
 James Theodore Burns, M.D., *Clinical Instructor in Medicine*
 Frederic Dunbar Chapman, A.B., M.D., C.M., *Clinical Instructor in Medicine*
 Irvin Kerlan, B.S., M.D., C.P.H., *Clinical Instructor in Medicine*
 Virginia Patterson Beelar, A.B., M.D., *Clinical Instructor in Medicine*
 Myer Harold Stolar, B.S., M.D., *Clinical Instructor in Medicine*
 Alfred Brigulio, M.D., *Clinical Instructor in Medicine*
 Lester Sylvan Blumenthal, A.B., M.D., M.S. in Med., *Clinical Instructor in Medicine*
 Samuel Jacob Nathan Sugar, Phar.G., M.D., *Clinical Instructor in Medicine*
 Roy Hertz, Ph.D., M.D., *Clinical Instructor in Medicine*
 Joseph Ney, B.S., M.D., *Clinical Instructor in Medicine*
 Harold Lester Hirsh, M.D., *Clinical Instructor in Medicine*
 Joseph Francis Ziemba, A.B., B.S., M.D., *Clinical Instructor in Medicine*
 Henry Dunlop Ecker, B.S., M.D., *Clinical Instructor in Medicine*
 John Wilmer Latimer, Jr., M.D., *Clinical Instructor in Medicine*
 Mark Hummer Lepper, M.D., *Clinical Instructor in Medicine*
 Andrew Gabriel Prandoni, B.S., M.D., *Clinical Instructor in Medicine*
 Donald William Ingham, M.S., M.D., *Clinical Instructor in Medicine*
 Charles Wilson Jones, A.B., M.D., *Clinical Instructor in Medicine*
 Halla Brown, M.D., *Clinical Instructor in Medicine*

232 *History of Medicine*
 One hour a week.

Halley

236 *Laboratory Medicine and Hematology*

Holly

Lectures and laboratory work covering aspects of laboratory diagnosis of diseases of the blood, blood-typing, and study of spinal fluid. Lectures on anemias, leukemias, and other blood dyscrasias. Three hours a week.

- 241-42 *Physical Diagnosis* Conklin and Staff
Demonstrations and practice on the normal and abnormal subject; designed to cover the entire subject of physical diagnosis.
- 244 *General Medicine* Bloedorn, Halley
Lectures covering general aspects of all phases of medical disease, and including therapeutics. Three hours a week.
- 298 *Cardiovascular System* Bloedorn
The etiology, diagnosis, and treatment of the diseases of the heart, pericardia, and peripheral vessels with an introductory course on electrocardiography. One hour a week.
- 301 *The Heart* Bloedorn
Lectures covering normal and abnormal heart. One hour a week.
- 324 *Clinical Physiology* Dickens
Lectures and clinics for the correlation of preclinical and laboratory studies of physiology with altered function as observed in clinic and ward. One hour a week.
- 325-26 *Clinical Clerkship* Dowling and Staff
Individual case work under strict supervision (student's histories generally accepted as hospital records). Emergency and Gallinger hospitals.
- 327-28 *Clinical Pathological Conference* Bloedorn, Choisser
Required in the third and fourth years. Correlation of clinical and post-mortem findings: detailed case descriptions from the clinical point of view, followed by thorough demonstrations, grossly and with lantern slides, of post-mortem findings. One hour a week.
- 349-50 *Grand Ward Rounds* Dowling and Staff
Conducted weekly at Gallinger Hospital. Cases are presented at this conference by members of the Resident Staff and Visiting Staff.
- 416 *Tropical Medicine* Yeager
Lectures, laboratory exercises, museum and clinical demonstrations designed to familiarize the student with problems of tropical medicine. Two hours a week.
- 420 *Medical Jurisprudence* Eldridge
Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician is brought into contact. One hour a week for eleven weeks.
- 421-22 *Dispensary Clinics* The Staff
Thorough study of individual cases subsequently reviewed in detail by the Staff. The University and Emergency hospitals.

- 425-26 *Clinical Clerkship* Dickens
Individual case work under strict supervision (student's histories generally accepted as hospital records.) The University Hospital.
- 440 *Clinical Pharmacology* Herwick
Brief review in materia medica, prescription writing and the fundamentals of therapeutics; discussion of the pharmacological basis of therapeutics.
- 499 *Clinical Physiology* Dickens
Continuation of Medicine 324. One hour a week.

MILITARY SCIENCE AND TACTICS

Alfred Brigulio, Lieutenant Colonel, Medical Corps, Army of the United States, *Professor of Military Science and Tactics*

129-30 *Elementary Course, Senior ROTC* Brigulio
(First Year)

National Defense Act; organization of the Army and the Medical Department; leadership, discipline, courtesies, and customs of the Service; military law; map reading; military administration; medical administration in mobile units.

247-48 *Elementary Course, Senior ROTC* Brigulio
(Second Year)

Leadership, map reading, organization of units and tactics.

329-30 *Advanced Course (First Year)** Brigulio

Military preventive medicine, military hospitals, mess management, military hygiene and first-aid methods, defense against chemical warfare.

429-30 *Advanced Course (Second Year)** Brigulio

Medical military history; leadership, aviation medicine; medical and surgical diseases of combat; division medical service; medical service, land, sea, and airborne operations; mobilization; property accounting; physical medicine.

* Students in the advanced course are selected from those who have satisfactorily completed the elementary course.

NEUROLOGY AND NEUROLOGICAL SURGERY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*

Hyman David Shapiro, M.D., *Assistant Clinical Professor of Neurology*

Robert Henry Groh, B.S., M.D., *Associate in Neurology*

Paul Chodoff, A.B., M.D., *Associate in Neurology*

George Davis Weickhardt, M.D., *Clinical Instructor in Neurology*

James Peter Murphy, B.S., M.D., *Clinical Instructor in Neurological Surgery*

Hugo Victor Rizzoli, A.B., M.D., *Clinical Instructor in Neurological Surgery*

249-50 *Neurology (elective)*

Freeman

Methods of study of the nervous system. Gross and microscopic preparations, embryology, comparative anatomy, stimulation and extirpation, human pathology, etc. Laboratory demonstrations. One hour a week.

331 *Neurology*

Watts and Staff

Systematic lectures with lantern slides, illustrating the chief neurologic syndromes and their anatomic bases. One hour a week.

333-34 *Neurology Clinic (elective)*

Freeman and Staff

Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuro-psychiatric cases. Discussion of neuropathologic material. Three hours a week.

431 *Neurosurgery (elective)*

Watts

Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week.

OBSTETRICS AND GYNECOLOGY

- John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology, Executive Officer*
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*
Henry Lauran Darner, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
Leslie Van Dyke Dill, B.S., M.D., *Adjunct Clinical Professor of Obstetrics and Gynecology*
George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology*
Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology*
Laurence Lee Cockerille, M.D., *Associate in Obstetrics and Gynecology*
Clayton Howard Hixson, M.D., *Associate in Obstetrics and Gynecology*
Henry John Russell McNitt, B.S. in Med., M.D., *Associate in Obstetrics and Gynecology*
Samuel Mayer Dodek, A.M., M.D., *Associate in Obstetrics and Gynecology*
Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*
Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*
Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*
Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*
William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics and Gynecology*
James Albert Dusbabek, M.D., *Clinical Instructor in Obstetrics and Gynecology*
Barton Winters Richwine, M.D., *Clinical Instructor in Obstetrics and Gynecology*
Samuel Hazen Shea, M.D., *Clinical Instructor in Obstetrics and Gynecology*
Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*
Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
Floyd Sterling Rogers, M.D., *Clinical Instructor in Obstetrics and Gynecology*
Clarence Kendall Fraser, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Rufus Martin Roll, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Jeremiah Keith Cromer, M.D., *Clinical Instructor in Obstetrics and Gynecology*

Jed Williams Pearson, Jr., A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Thomas Miles Leonard, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

William Thurston Lady, M.D., *Clinical Instructor in Obstetrics and Gynecology*

253-54 *Normal Obstetrics*

Fraser, Dodek

Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.

337-38 *Abnormal Obstetrics*

Nordlinger, Parks

Lectures and demonstrations on the complications of pregnancy. One hour a week.

343 *Gynecology*

Brown

Lectures and demonstrations on the principles of gynecology. One hour a week.

344 *Marriage and Marital Problems*

Ramsey, Nordlinger

A course of instruction in marriage counseling and planned parenthood. One hour a week.

345-46 *Manikin Demonstrations*

Harris

The mechanism of labor and various types of operative delivery demonstrated to sections of the class in seven one-week sessions.

348 *Female Endocrinology and Operative Gynecology*

Kotz, Darner

Lectures on the physiology and the pathology of the female endocrine system and on principles of gynecological surgery. One hour a week.

441-42 *Clinical Obstetrics*

Parks and Staff

Senior students participate in prenatal and postnatal clinic care; make postpartum home calls; observe the course of labor and deliver patients under supervision; attend biweekly departmental conferences and daily ward rounds in the University, Gallinger, and Garfield hospitals.

443-44 *Clinical Gynecology*

Parks and Staff

Senior students observe and participate in the gynecological work of the clinics, operating rooms, and gynecological wards of the University, Gallinger, and Garfield hospitals.

OPHTHALMOLOGY

- Ernest Alfred Watson Sheppard, M.D., C.M., *Professor of Ophthalmology, Executive Officer*
Ronald Atmore Cox, A.B., M.D., *Assistant Clinical Professor of Ophthalmology*
Frank Duncan Costenbader, B.S., M.D., *Assistant Clinical Professor of Ophthalmology*
Richard Wallace Wilkinson, M.S., M.D., *Associate in Ophthalmology*
Sterling Bockoven, M.D., *Associate in Ophthalmology*
Walter Joseph Romejko, M.D., *Clinical Instructor in Ophthalmology*
Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*
Micollus Noel Stow, M.D., D.M.S., *Clinical Instructor in Ophthalmology*
James Spencer Dryden, M.D., *Clinical Instructor in Ophthalmology*

351-52 *Ophthalmology*

The Staff

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

447 *Clinic*

The Staff

Intensive training in diseases of the eye; etiology, diagnosis, and treatment in their application to clinical cases. Episcopal Hospital. Three hours twice a week.

OTO-RHINO-LARYNGOLOGY

Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology, Executive Officer*

William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*

Leroy Lee Sawyer, A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*

David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology*

Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*

Jeter Carroll Bradley, M.D., *Associate in Oto-rhino-laryngology*

Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

John Gordon Bell, M.D., *Clinical Instructor in Oto-rhino-laryngology*

Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

451 *Oto-rhino-laryngology*

Moffett, Jenkins

Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.

454 *Bronchoscopy*

Davis

A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for two weeks.

456 *Clinic*

The Staff

Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital. One and one-half hours twice a week.

PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*

Nathan Baruch Friedman, B.S., M.D., *Professorial Lecturer in Pathology*

Elson Bowman Helwig, B.S., M.D., *Professorial Lecturer in Pathology*

Hans Frank Smetana, M.D., *Professorial Lecturer in Pathology*

Henry Rappaport, M.D., *Professorial Lecturer in Pathology*

James Earle Ash, Jr., M.D., *Professorial Lecturer in Pathology*

Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*

Carl Hunt Wells, B.S., M.D., *Assistant Professor of Pathology*

Dee Rich Parkinson, M.D., *Instructor in Pathology*

259-60 *Pathology*

Choisser and Staff

Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

307 *Necropsy (elective)*

The Staff

Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

327-28 *Clinical Pathological Conference*

Choisser, Bloedorn

Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

460 *Research*

Choisser

Hours and credits to be arranged.

PEDIATRICS

Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*

Charles Aurelius Schutz, M.D., *Clinical Professor of Pediatrics*

Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*

Edward Lewis, M.D., *Clinical Professor of Pediatrics*

Lewis Kaigler Sweet, A.B., M.D., *Adjunct Clinical Professor of Pediatrics*

William Staton Anderson, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*

Aaron Nimetz, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

Dorothy Steinle Jaeger, M.D., *Associate in Pediatrics*

George Maksim, M.D., M.S. in Ped., *Associate in Pediatrics*

John Howell Peacock, B.S., M.D., *Clinical Instructor in Pediatrics*

Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*

Frederic Gerard Burke, B.S., M.D., *Clinical Instructor in Pediatrics*

Reginald Henry Mitchell, M.D., *Clinical Instructor in Pediatrics*

Maynard Irving Cohen, A.B., M.D., *Clinical Instructor in Pediatrics*

William Allen Howard, A.B., M.D., *Clinical Instructor in Pediatrics*

354 *Pediatrics*

Nicholson

Ward walks and weekly clinic. Gallinger Hospital. Two sections.

355-56 *Pediatrics*

Schutz

Lectures on diseases and malformations of the newly born. Growth, metabolism, nutrition, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week for twenty-four weeks.

357-58 *Clinic*

Peacock, Grosvenor

Clinical instruction in the care and diseases of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital. One-fourth of the class, one hour a week.

359-60 *Contagious-Disease Clinic*

The Staff

Bedside instruction in scarlet fever, diphtheria, etc. Gallinger Hospital. One-fourth of the class, one hour a week. Ward walks twice a week.

463-64 *Child-Welfare and Preventive Clinic*

Schutz, Jaeger

Clinical course in the infant and the pre-school child. Childrens Hospital, Child Welfare Center. One section, one hour a week.

465-66 Clinic**The Staff**

Out-patient clinic; minor to serious disorders of children, emotional life of the child, habit formations, and behavior problems. Childrens Hospital. One section, Mon., Tues., Wed., and Fri., one and one-half hours.

467-68 Clinic**McLendon and Staff**

Teaching clinic. Childrens Hospital. Entire class, one and one-fourth hours a week.

469-70 Clinical Clerkship**The Staff**

Individual case work under strict supervision. Students act as Junior Interns throughout the hospital. Childrens Hospital. One-fourth of class, daily. 9:30 A.M. to 4:30 P.M.

471-72 Allergy Clinic**Jaeger**

Prerequisite: Bacteriology 209. Practical work in the Allergy Clinic of Childrens Hospital may be obtained by a small group of senior students. Two afternoons a week.

PHARMACOLOGY

Paul Kenneth Smith, Ph.D., *Professor of Pharmacology, Executive Officer*

Erwin Ellis Nelson, M.S., Ph.D., *Adjunct Clinical Professor of Pharmacology*

Edgar William Ligon, Jr., Ph.D., *Assistant Professor of Pharmacology*

Edward Leong Way, Ph.D., *Assistant Professor of Pharmacology*

261 *Pharmacology*

The Staff

Lectures, conferences, and demonstrations concerning the action of drugs. A comprehensive course considering the biochemical and physiological responses to the administration of drugs as a basis for the rational therapy of disease. Five hours a week for the first half of the second year.

263 *Pharmacology Laboratory*

The Staff

Laboratory instruction designed to complement the above courses. Five hours a week for the first half of the second year.

265 *Chemotherapy*

The Staff

Five hours of lectures a week for three weeks. Designed for graduate students.

361-62 *Pharmacological Research*

The Staff

Primarily for those properly qualified graduate and medical students seeking careers in pharmacology. Hours to be arranged.

363-64 *Pharmacology Seminar*

The Staff

Recent advances in pharmacology. For those interested in pharmacological research. Two hours a week.

440 *Clinical Pharmacology*

The Staff

Discussions of the pharmacological basis of therapeutics.

PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

Abraham Dury, Ph.D., *Assistant Professor of Physiology*

- 115 Physiology (3)** Leese and Staff
Lectures for academic students covering the fundamentals of Physiology in its various subdivisions. Prerequisites: one year of general science or one term of a biological science. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.
- 117 Experimental Physiology (1)** Dury and Staff
Laboratory exercises in the fundamentals of physiology, for academic students. Prerequisite or concurrent registration: Physiology 115 or the equivalent. Material fee, \$12. Sat., 10:10 A.M. to 1:00 P.M.
- 120 Physiology of Endocrine Activity (1 or 2)** Albritton
The circulatory, metabolic, reproductive, growth, and other adaptations, immediate and long term, accompanying and affecting endocrine activity. May be taken for two credits with additional work. Prerequisite: Physiology 115 or the equivalent. Tues., 5:10 P.M.
- 130 The Psycho-physiology of Personality (2)** Leese
Lectures on the genesis and expression of personality, with emphasis on the physiological approach. Prerequisite: Physiology 115 or the equivalent and general psychology. Tues. and Thurs., 6:10 P.M.
- 131 Advanced Physiology of Circulation and Respiration (2)** Albritton and Staff
Lectures on blood, heart, circulation, respiration, and acid-base balance. Eight hours a week in February and March.
- 134 Advanced Physiology of Nutrition, Metabolism, and Excretion** Rose and Staff
Lectures on nutrition, digestion, metabolism, excretion, temperature regulation, and water balance. Eight hours a week in March.
- 136 Advanced Physiology of the Endocrine Glands and Reproduction** Dury and Staff
Lectures on ductless glands, hormones, humoral agents, and reproduction. Eight hours a week in March and April.
- 138 Advanced Physiology of the Neuro-Muscular System (2)** Leese and Staff
Lectures on sensory reception, central nervous processes, somatic and visceral motor activity, and the behavior of smooth and striped muscle. Eight hours a week in April and May.

- 140 *Advanced Experimental Physiology* (3) The Staff
Laboratory work only. Correlated with the lectures in courses 132-138, Mon., Wed., and Fri., 2:00 to 5:00 P.M.
- 150 *Advanced Physiology* The Staff
One hundred physiological lectures and one hundred thirty laboratory hours devoted to the major divisions of the subject. For Medical Students. Mon., Wed., and Fri., 12:00 to 5:00 P.M.; Sat., 9:00 to 11:00 A.M.
- 160 *Experimental Method* (1) Albritton
Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence, and tests of the statistical significance of experimental results. Sat., 10:00 A.M., in February and March.
- 169-70 *Problems in Physiology* Albritton and Staff
Hours and credits to be arranged.
- 179-80 *Physiology Seminar* (1-1) The Staff
Weekly throughout the year.
- 201-02 *Research* Albritton, Leese, and Staff
Hours and credits to be arranged.
- 209-10 *Thesis* (3-3) Albritton and Leese

PSYCHIATRY

Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*

Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*

Addison McGuire Duval, M.D., *Assistant Clinical Professor of Psychiatry*

Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*

Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*

Edgar Deucher Griffin, A.B., M.D., *Associate in Psychiatry*

Isabelle Kendig, Ph.D., *Associate in Psychiatry*

William Green Cushard, M.D., *Clinical Instructor in Psychiatry*

136 *Introductory Medical Psychology* Overholser and Staff
Theoretical and practical aspects of the constitution, character, and personality as related to medicine; psychological features in various diseases; types of character development and their ways of adaptation. One hour a week.

278 *Psychopathology* Hall
Manifestations and understanding of various abnormal mental mechanisms and reaction-types, illustrated with suitable case material, and preceded by history of development of psychopathology. One hour a week.

366 *Psychiatry* Overholser
Major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeths Hospital. One hour a week.

368 *Psychosomatic Aspects of General Medicine* Katzenelbogen
Somatic disorders of functional origin versus organic structural disorders. The role of personality reactions in somatic disorders (illustrative cases). St. Elizabeths Hospital. One hour a week.

427-28 *Psychological Techniques in Psychiatric Practice* Kendig
Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks.

473-74 *Ward Work* The Staff
Personal mental examinations and formal written report of the examination of the various types of psychoses, followed by a review of the cases with an instructor. St. Elizabeths Hospital. Two hours a week.

475 *Psychoneurosis* Duval
The clinical aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses. One hour a week for twelve weeks.

SURGERY

- Brian Blades, A.B., M.D., *Professor of Surgery, Executive Officer*
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*
 William Berry Marbury, M.D., *Clinical Professor of Surgery*
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*
 Donald Harrison Stubbs, A.M., M.D., *Clinical Professor of Anesthesiology*
 Lloyd Harvey Mousel, M.S., M.D., *Clinical Professor of Anesthesiology*
 John Hugh Lyons, M.S., M.D., *Clinical Professor of Surgery*
 Vincent Michael Iovine, B.S., M.D., *Adjunct Clinical Professor of Surgery*
 Donald Brian Effer, A.B., M.D., *Adjunct Clinical Professor of Surgery*
 Wallace Harry Graham, B.S., M.D., *Professorial Lecturer in Surgery*
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*
 William Warren Sager, M.S., M.D., *Associate Clinical Professor of Surgery*
 William Stanbro, M.D., *Assistant Professor of Radiology*
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*
 Alec Horwitz, M.S., M.D., *Assistant Clinical Professor of Surgery*
 Joseph Kreiselman, M.D., *Assistant Clinical Professor of Anesthesiology*
 William Stanley McCune, A.B., M.D., *Assistant Clinical Professor of Surgery*
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*
 Julius Salem Neviaser, A.B., M.D., *Associate in Surgery*
 William Ross Morris, M.D., *Associate in Surgery*
 Philip Pelland, M.D., *Associate in Surgery*
 Harold Walter Krogh, D.D.S., *Associate in Dental Surgery*
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*
 William Carey Meloy, M.D., M.S. in Med., *Associate in Surgery*
 Jerome Blaine Harrell, M.D., *Associate in Surgery*
 Edward Alexander Cafritz, M.D., *Associate in Surgery*
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery*
 Crenshaw Douglas Briggs, B.S., M.D., *Clinical Instructor in Surgery*
 William Wiley Chase, A.B., M.D., *Clinical Instructor in Surgery*
 Arthur James Mourot, B.S., M.D., *Clinical Instructor in Surgery*
 Joseph Francis Conlon, D.D.S., *Clinical Instructor in Dental Surgery*
 Otto Anderson Engh, A.B., M.D., *Clinical Instructor in Surgery*

Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*
 Richard Lee Jackson, M.D., *Clinical Instructor in Surgery*
 Leon Gerber, M.D., *Clinical Instructor in Surgery*
 Walter Henry Gerwig, Jr., M.D., *Clinical Instructor in Surgery*
 Leonard Theodore Peterson, A.B., B.S., M.D., *Clinical Instructor in Surgery*
 Ted Beattie, M.D., *Clinical Instructor in Surgery*
 Thomas Bradley, A.B., M.D., *Clinical Instructor in Surgery*

279-80 *General Surgery*

Dean, Harrell

Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week for twenty-eight weeks.

283 *Principles of Surgery*

The Staff

A clinical and laboratory course covering the fundamentals of surgery, including studies in inflammation, wound healing, etc. One hour laboratory and one hour in the clinics.

312 *Radiology and Radiotherapy*

Stanbro

One hour a week.

371-72 *General Surgery*

Richtmeyer, Riddick

Course of lectures and recitations covering surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. One hour a week.

373-74 *Ward Walks*

The Staff

Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger Hospital.

375-76 *Surgical Clinic*

Blades

Clinical teaching and demonstrations on the care of the various surgical diseases, with special emphasis on the pre- and post-operative management. Gallinger Hospital.

379-80 *Surgical Staff Conference*

The Staff

Gallinger Hospital. Bimonthly.

381-82 *Clinical Clerkship*

The Staff

The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger Hospital.

473-74 *Ward Walks and Clinics*

Lyons and Staff

Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Clinical teaching and demonstrations on the care of the various surgical diseases. Emergency Hospital.

478 *Orthopedics*

Hall

Etiology, pathology, symptomatology, and treatment of congenital and acquired diseases of the bones and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week.

- 481 *General Surgery* Blades
One hour a week.
- 483-84 *Dispensary Clinic* The Staff
Dispensary instruction in the principles and practice of surgery. Instruction of small groups is given in general surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University and Emergency hospitals.
- 485-86 *Special Problems in Surgery* Riddick, Dean
General surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post-operative complications. One hour a week.
- 488 *Surgical Clinic* The Staff
Demonstration to the entire class of the various surgical diseases. One hour a week.
- 489 *Surgical Anatomy* Horwitz
One hour a week.
- 491-92 *Surgical Pathology (elective)* Blades and Staff
The senior class in groups of ten may attend the meeting of the Tumor Board of the Staff of Walter Reed Hospital. Patients with all types of neoplasms are demonstrated and gross and microscopic studies of various neoplasms are shown. Three hours a week.
- 493-94 *Surgical Diseases of the Chest (elective)* Blades and Staff
Patients with various diseases of the chest, including diseases of the lung, mediastinal, and esophagus are presented. The cases are followed from week to week and operative specimens and microscopic sections are demonstrated. Walter Reed Hospital. Three hours a week.

UROLOGY

Frederick A. Reuter, M.D., *Professor of Urology, Executive Officer*
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*
Gilbert Ottenberg, A.M., M.D., *Associate in Urology*
William Dabney Jarman, B.S., M.D., *Clinical Instructor in Urology*
Edward Egner Ferguson, M.D., *Clinical Instructor in Urology*

491-92 *Urology*

Reuter

Lectures covering the entire field of urology, including diagnosis, treatment, and morbid pathology. One hour a week.

493-94 *Clinics*

The Staff

Clinical teaching and demonstrations on the care of urological cases with special emphasis on the pre- and post-operative management. Operative clinics and clinical teaching. Gallinger Hospital.

495-96 *Clinics*

Reuter and Staff

Clinical demonstrations and teaching in the dispensary, with special attention given to diagnostic procedures. Emergency and University hospitals. One part of each section daily.

DEGREES CONFERRED

May 28, 1947

DOCTOR OF MEDICINE

Alban, Emil John, Jr. A.B. 1944, The George Washington University	Conn. N.Y.	Harmon, Ernest Emery, Jr. Hecht, Moses Bernard A.B. 1943, The George Washington University	Md. N.Y.
Anderson, Donald Hood B.S. 1944, Birmingham Southern College	Ala.	Hodges, Robert Marc, Jr. A.B. 1943, University of California at Los Angeles	Calif.
Bachman, Frederick Charles Baird, Robert Evanston Ballinger, Edwin Ray Barrs, Theodore Parker (With distinction)	Pa. Wash. D.C.	Houts, Richard Edward A.B. 1943, University of Southern California	Calif.
Bateman, Joseph Robert III Beck, Walter Charles (With distinction)	Md. D.C.	Howard, Quentin Eugene Johnston, J. Monte A.B. 1943, Stanford University	Idaho Calif.
Berry, James Frederick A.B. 1943, Washington and Lee University	Va.	Kaufman, Paul A.B. 1943, New York University	N.Y.
Biery, Chester Donald B.S. 1943, Mount Union College	Va. Ohio	Kingman, Allen Frederick, Jr. A.B. 1944, The George Washington University	D.C.
Bigne, Ercell Venus (With distinction) A.B. 1944, The George Washington University	Md.	Klopfenstein, Karl Henry B.S. 1943, University of Washington	Wash.
Boisclair, Thomas George A.B. 1942, University of Wisconsin	Wis.	Lyons, Robert Timothy Mahaffy, Steve Renfrew Mankin, Haven Winslow A.B. 1943, Washington and Lee University	Conn. Conn. Md.
Brock, Howard Thomas B.S. 1943, The George Washington University	D.C.	Mann, James Packard (With distinction)	D.C.
Chin, William Choiser, Marion Louise A.B. 1944, The George Washington University	D.C. D.C.	Martin, Robert Edward McAvoy, William Bernard A.B. 1944, The George Washington University	Pa. Maine
Choiser, Robert Voltaire Collins, George Harwood A.B. 1946, The George Washington University	D.C. D.C.	McGarry, Edward Clifford A.B. 1945, The George Washington University	N.J.
Comer, Walter Horace Devine, Charles Joseph, Jr. A.B. 1943, Washington and Lee University	Canada Va.	McShane, William Robert B.S. 1944, Haverford College	Pa.
Dicksa, Alvin Paul Dicksa, Carl Adam Dillon, John Francis B.S. 1943, Catholic University of America	Calif. Calif. D.C.	Melenzyer, Charles Louis B.S. 1943, Bucknell University	Pa.
Edwards, Larry B.S. 1945, University of Mississippi	Miss.	Miller, Jack William A.B. 1945, Stanford University	Calif.
Evans, Bruce Andrew B.S. 1943, Idaho State College	Idaho	Miller, Robert Lawrence B.S. 1943, Rutgers University	N.J.
Fedt, Donald Nels B.S. 1945, University of South Dakota	S.D.	Mills, Stephen Roy, Jr. Morrow, Gay A.B. 1943, Lynchburg College	D.C. D.C.
Ferria, Chalmers Williams B.S. 1943, Mount Union College	Ohio	Myers, Helen Sherman B.S. 1940, The George Washington University	Calif.
Fowler, DeLora Leanne Glazener, Frederic Strayhorn Greaves, Harley C., Jr. Green, Lester Bertleson B.S. 1943, University of Idaho	D.C. N.C. Idaho Calif.	Myers, Richard Clayton A.B. 1944, Princeton University	Md.
Hall, Wilson Luther A.B. 1943, College of Wooster	Ohio	Niswonger, Joseph Kingdon A.B. 1944, The George Washington University	Ohio
		O'Neill, Edward B.S. 1945, University of Puerto Rico	P.R.
		Orsinger, William Hubert B.S. 1943, Catholic University of America	D.C.
		Pavluk, Walter B.S. 1943, Western Reserve University	Ohio
		Prichard, Robert Williams	N.J.

Rawlings, Maurice Scaggs (With distinction) A.B. 1944, The George Washington University	Md.	Squires, Charles Lloyd Stephens, Wade Naisbitt B.Mus. 1920; M.Mus. 1931, North- western University	Pa. D.C.
Sargent, James Allen	Calif	Stone, William Leete III	Va.
Schneider, Bertram Alex A.B. 1944, The George Washington University	D.C.	A.B. 1945, Amherst College Stotler, Robert Cresap A.B. 1944, Stanford University	Wash.
Shillinger, Frederick William	Md.	Strong, William Ronald	D.C.
Silva, Jose Luis B.S. 1943, Villanova College	D.C.	Syme, Robert Haldane, Jr. B.S. 1945, University of Wyoming	Wyo.
Sislen, Maurice Arthur A.B. 1944, The George Washington University	D.C.	Wehr, Maurice Burton Westfall, John Finley B.S. 1945, University of Arizona	Md. Ariz.
Sites, James Glover	Va.	Whelton, Richard Lee B.S. 1943, University of Maryland	D.C.
Spencer, Orson Burnham B.S. 1945, Utah State Agricultural College	Utah	Zaxier, Helene de Boey	D.C.

STUDENTS REGISTERED IN THE SCHOOL OF MEDICINE

1946-47

A

Abraham, Abe Samuel (I) Calif.
B.S. 1938, Westminster College
Ackerman, Joseph Laurence (III) Del.
Affley, Harry Jerome, Jr. (I) Calif.
A.B. 1946, University of Southern California
Alban, Emil John, Jr. (IV) Conn.
Alterman, Seymour Lewis (IV) N.Y.
A.B. 1944, The George Washington University
Anderson, Donald Hood (IV) Ala.
B.S. 1943, Birmingham-Southern College
Archer, Benjamin Lester (III) Md.
Arnason, Kristi (III) Wash.
B.S. 1944, University of Washington
Arnold, McAlpin Hill (III) Ga.
Atchison, Joseph L. (II) Va.
Avery, John Lawrence (I) D.C.
B.S. 1937, University of Maryland
M.S. 1939, The George Washington University
Aye, Ralph Claxton (I) Va.
M.S. 1942, Northwestern University

B

Bachman, Frederick Charles (IV) Pa.
Baird, Glenn Dean (II) D.C.
B.S. 1944, University of Oregon
Baird, Robert Evanston (IV) Wash.
Ballard, Edwin Robert (III) Wash.
A.B. 1943, Whitman College
Ballinger, Edwin Ray (IV) D.C.
A.B. 1943, Maryville College
Band, Philip Theodore (II) D.C.
A.B. 1945, The George Washington University
Band, Raymond Isaac (III) D.C.
Barila, Timothy George (I) N.M.
Barss, Theodore Parker (IV) D.C.
Bateman, Joseph Robert III (IV) D.C.
Beck, Walter Charles (IV) Va.
Belton, Robert R. (III) Oreg.
Bergen, Willis, Jr. (I) D.C.
Berkow, Morton Donald (II) D.C.
Berry, James Frederick (IV) Va.
A.B. 1943, College of William and Mary
Berry, Robert Hahn (I) Va.
Biery, Chester Donald (IV) Ohio
B.S. 1941, Mount Union College
Bigge, Erceel Venus (IV) D.C.
B.S. 1944, The George Washington University
Binder, Samuel Sholom (II) Pa.
A.B. 1945, Marietta College
Boisclair, Thomas George (IV) Wis.
A.B. 1942, University of Wisconsin
Boteler, Marcia (IV) Md.
Bowie, David Irving (II) D.C.

Boyd, Thompson Harmes (II) Ill.
Boyer, Delos White (I) D.C.
Brady, Luther W., Jr. (III) Md.
Brant, Joseph Thomas, Jr. (II) Ill.
Bristow, John Wesley (I) Calif.
Brock, Howard Thomas (IV) D.C.
B.S. 1943, The George Washington University
Brockbank, Wallace Reed (III) Utah
Brockbank, Wells Evans (III) Utah
Brooks, Harrison Morton, Jr. (I) Va.
B.S. 1940, Wheaton College, Ill.
Bruce, Roy Clayton (I) Pa.
B.S. 1946, University of Pittsburgh
Buckler, Arthur Stanley (III) N.J.
Burns, James Patrick, Jr. (II) D.C.

C

Campbell, Charles John (III) Md.
Carnes, Raymond Eugene (I) Md.
Chapman, James Eliot (II) Wis.
Chin, William (IV) D.C.
A.B. 1944, American University
Choisser, Marion Louise (IV) D.C.
A.B. 1944, The George Washington University
Choisser, Robert Voltaire (IV) D.C.
Clark, Homer Hone (III) Utah
B.S. 1943, Brigham Young University
Cohen, George Joel (I) D.C.
Cohen, June Rae (II) D.C.
B.S. 1945, The George Washington University
Collins, George Harwood (IV) Colo.
Comer, Walter Horace (IV) Canada
Connor, Audrey Marie (I) D.C.
A.B. 1945, Trinity College
Connor, John Cecil (I) Calif.
A.B. 1940, San Diego State College
Connor, Joseph Daniel (I) Md.
Cook, Charles Barrie (III) Va.
Cooper, William Hurlbert (II) Ohio
Cooperman, Bernard Robert (II) D.C.
Cresswell, Walter Franklin, Jr. (III) Miss.
A.B. 1945, University of Mississippi
Crisp, William Earl (II) Ohio
Cullina, Joseph Charles (III) Conn.
A.B. 1944, Catholic University of America
Curtis, James LeRoy (II) Wis.

D

Daines, Newel George, Jr. (III) Utah
Daisley, Gordon Walford, Jr. (III) Md.
Dalton, Charles Edward (I) Va.
Daly, Richard Francis (III) N.Y.
DeLashmuth, Robert Eugene (II) Ohio
Devine, Charles Joseph, Jr. (IV) Va.
A.B. 1943, Washington and Lee University

Kilpatrick, John Taylor (II) B.S. 1945, University of Oklahoma	Okl.	Miller, Frank Nelson, Jr. (III) B.S. 1943, The George Washington University	D.C.
Kimball, Howard W. (III)	D.C.	Miller, Ray Lambert (II) B.S. 1936, Northwest Missouri State Teachers College	D.C.
Kingman, Allen Frederick, Jr. (IV) A.B. 1944, The George Washington University	D.C.	Miller, Robert Lawrence (IV) B.S. 1943, Rutgers University	N.H.
Kiracofe, Arthur Hiram (II) A.B. 1943, Franklin and Marshall College	Md.	Mills, Stephen Roy, Jr. (IV)	R.I.
A.M. 1944, Columbia University	Wash.	Morris, Douglas Cockerille (I)	Va.
Kisduchak, Joseph Thomas (III)	D.C.	Morrow, Gay (IV) A.B. 1943, Lynchburg College	D.C.
Klopfenstein, Karl Henry (IV) A.B. 1943, University of Washington	Fla.	Mott, Richard Henry, Jr. (I)	Md.
Knauer, William Jerome (III)	D.C.	Myers, Helen Sherman (IV)	D.C.
Knox, Robert Ormiston, Jr. (I)	Va.	Myers, Richard Clayton (IV) A.B. 1945, Princeton University	D.C.
Kolb, Karl Philip (I)			
L		N	
Lahti, Carl Robert (II)	Mich.	Naden, Esthane (I) B.S. 1942, University of Idaho	Va.
Lane, John Goethe (II)	Fla.	Nelson, Bertie (III)	D.C.
Langdell, Robert Dana (III)	Calif.	Nelson, Donald Sell (I)	D.C.
Lash, Robert Frederick (II)	Ill.	Niswonger, Joseph Kingdon (IV) A.B. 1944, The George Washington University	Ohio
Leaman, Thomas Leed (III)	Pa.	Nuttall, Robert Bostick (III)	Va.
Leckie, Jack (I) B.S. 1938, Marshall College	Va.	O	
Lee, Gilbert Stanley (II) A.B. 1941, Stanford University	Oreg.	Oftedal, Sverre John, Jr. (I) A.B. 1942, Occidental College	D.C.
Lee, Robert Yoon Sung (III)	Hawai	O'Leary, Mary Jean (II)	D.C.
A.B. 1944, Cornell University		O'Neill, Edward (IV) B.S. 1945, University of Puerto Rico	P.R.
Litwin, Charles Stuart (I) A.B. 1943, Hobart College	N.J.	Orsinger, William Hubert (IV) B.S. 1943, Catholic University of America	D.C.
Lucas, Jean Pitner (III) A.B. 1945, B.S. 1946, University of Mississippi	Miss.	Ostrow, Bernard Howard (III) A.B. 1944, Miami University	D.C.
Lucas, John Clifton, Jr. (III)	Miss.	Overman, John Reagan (II)	Ind.
Lundy, LeRoy Fred (I)	Wash.	P	
Lyons, Robert Timothy (IV)	Conn.	Parrish, Matthew Denwood (I) A.B. 1939, University of Virginia	Va.
M		Pavluk, Walter (IV) B.S. 1943, Western Reserve University	Ohio
MacLean, Marion Elizabeth (II) B.S. 1944, The George Washington University	D.C.	Pear, Bertram Lincoln (I)	D.C.
Maffey, Ralph B. (I) B.S. 1943, Rutgers University	N.J.	Peery, James Brown (III)	Mich.
Magness, John Lower (I)	Ohio	Pitner, Robert James (II)	Miss.
Mahally, Steve Renfrew (IV)	Calif.	Plunkett, Edmond Robert (III) B.S. 1944, College of William and Mary	Md.
Mahaney, Thomas Preston (II)	Mich.	Pollock, Jerome Lee (II) B.S. 1945, Franklin and Marshall College	D.C.
Mandas, James (I)	D.C.	Porter, Melvin A. (II)	Kans.
Mankin, Haven Winslow (IV) A.B. 1943, Washington and Lee University	Md.	Post, Lawrence A. (III) B.S. 1943, University of Wisconsin	Wis.
Mann, James Packard (IV)	D.C.	Presto, Ernest Carl (II)	N.Y.
Mann, Shirley Louise (II)	Md.	Prichard, John E. (IV)	D.C.
Marano, Matthew J. (III)	N.J.	Prichard, Robert Williams (III)	N.J.
Martin, Dean Harrington (I)	Md.	Q	
Martin, Robert Edward (IV)	Pa.	Quigley, Thomas A. (III)	Miss.
McAvoy, William Bernard (IV)	Maine	R	
McFall, Creed Flannery (III)	D.C.	Rawlings, Maurice Suggs (IV) A.B. 1941, The George Washington University	Md.
McConnell, Mary Helen (I)	D.C.	Reyes, Paul Gregorio (I) B.S. 1946, Georgetown University	Mexico
McGarry, Edward Clifford (IV) A.B. 1945, The George Washington University	D.C.		
McKelway, William Prentiss (I) A.B. 1943, Washington and Lee University	D.C.		
Melewicz, Frank Vincent (II) A.B. 1940, Union College, New York	N.Y.		
Michael, Arnold Hugh (II)	D.C.		
Milan, Roman Arturo (III)	P.R.		
Millar, Jack William (IV) A.B. 1945, Stanford University	Calif.		

Rhame, Harold Ellis, Jr. (I)	N.Y.	Thibadeau, Andrew Francis (I)	Md.
A.B. 1946, Princeton University		Thomas, John Benton (III)	Del.
Robertson, Jack Rodney (I)	Idaho	Thomson, Talmage Maiben (III)	D.C.
Robertson, John A. (II)	Calif.	Throckmorton, Neville Inskeep, Jr. (III)	Calif.
Rock, Herman Henry (I)	Wash.	Tidler, Harold Stanley (II)	Md.
B.S. 1942, Washington State College		Tomlinson, William Barrington (II)	N.J.
Rohn, Robert (III)	Calif.	Trible, William MacLohon (I)	D.C.
Rose, Harold DeFrehn (III)	Md.	A.B. 1943, Princeton University	
Rubenstein, Norman Hartley (I)	Oreg.	Truesdell, Duane Earl (II)	Wash.
		B.S. 1943, University of Washington	Calif.
		Tway, Lawrence Edward (II)	
S			
St. John, Nicholas E. (III)	Conn.	U	
Ph.B. 1931, Yale University		Upton, Emily Frances (I)	Md.
J.D. 1935, New York University		B.S. 1946, University of Maryland	
Sanchez, Luis F. (III)	P.R.	V	
B.S. 1943, University of Puerto Rico		Van Atta, Glen Benjamin (II)	Ohio
Sargent, James Allen (IV)	Calif.	Van Gelderen, Bertha Elizabeth (II)	D.C.
Savarese, Charles Joseph, Jr. (I)	D.C.	Varvarevoss, Yvonne (I)	D.C.
A.B. 1941, University of North Carolina		B.S. 1946, Oxford University	
Schmidt, Donald Gerry (I)	Mont.	W	
B.S. 1942, University of Washington		Waldrup, Francis Neil (I)	Md.
Schneider, Bertram Alexander (IV)	D.C.	A.B. 1946, University of Minnesota	
Seborer, Miriam Z. (I)	N.Y.	Walter, Katharine Miriam (I)	D.C.
A.B. 1939, A.M. 1940, Columbia University		B.S. 1944, The George Washington University	
Segal, Jack Philip (III)	D.C.	Warner, Glenn Allyn (III)	Wash.
Shanahan, Kathleen Eva (III)	Mich.	Waxberg, Joseph D. (III)	N.Y.
B.S. 1941, University of Maryland		Weaver, Frank Lloyd, Jr. (I)	Md.
Shillinger, Frederick William (IV)	Md.	Weber, Charles John, Jr. (III)	Ga.
Shumaker, Eliza Cochran (III)	D.C.	Wehr, Maurice Burton (IV)	Md.
A.B. 1944, Smith College		Wertkin, Edward (III)	Pa.
Siggers, Richard Lawrence (II)	D.C.	B.S. 1938, University of Pittsburgh	D.C.
Silva, José Luis (IV)	Cuba	Westfall, John Finley (IV)	D.C.
B.S. 1943, Villanova College		Wheatley, Edythe Joan (I)	D.C.
Sislen, Maurice Arthur (IV)	D.C.	Whelton, Richard Lee (IV)	
A.B. 1944, The George Washington University		B.S. 1940, University of Maryland	Pa.
Siss, Richard Howard (II)	N.J.	Whitmoyer, Robert Ellwood (III)	Minn.
Sites, James Glover (IV)	Va.	Whitnack, John Doyle (II)	D.C.
Solomon, Robert Joseph (II)	Mich.	Whyte, Rosalie Ann (II)	Hawaii
Soyster, Hale Bryan (III)	Calif.	Willett, Edwin Dexter (I)	Iowa
Speaker, Richard B. (III)	D.C.	Williams, Gerald Albert (II)	
Spencer, Orson Burnham (IV)	Utah	B.S. 1945, South Dakota State College of Agriculture and Mechanic Arts	N.Y.
Squires, Charles Lloyd (IV)	Pa.	Winter, Frank Ephraim (I)	Calif.
Stein, Harold Lawson (I)	N.Y.	B.S. 1943, University of Pittsburgh	
Stephens, Wade Naisbitt (IV)	D.C.	Woo, Joseph Clarence (III)	
B.Mus. 1929, M.Mus. 1932, Northwestern University		Y	
*Stratford, William (I)	D.C.	Yanowitz, Arthur (I)	N.Y.
A.B. 1933, University of Utah		Yetman, Thomas William (II)	R.I.
A.M. 1937, Ph.D. 1941, Columbia University		Z	
Strong, William Ronald (IV)	D.C.	Zagier, Helene DeBoey (IV)	N.Y.
Switzer, Walter Edwin (I)	D.C.	Zitani, Alfred Marius (II)	D.C.
M.S. 1941, University of Illinois			
Syme, Robert Haldane (IV)	Wyo.		
B.S. 1945, University of Wyoming			
T			
Taylor, Clayton B. (III)	Calif.		
Thaw, Benjamin Dows (III)	D.C.		

SUMMARIES OF REGISTRATION

1946-47

NUMBER OF REGISTRATIONS

Class entering September 1946.....	83
Class entering September 1945.....	72
Class entering September 1944.....	81
Class entering November 1943.....	79
Total.....	315

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	1	New Mexico	1
California	24	New York	16
Colorado	1	North Carolina	1
Connecticut	4	Ohio	18
Delaware	2	Oklahoma	1
District of Columbia	89	Oregon	4
Florida	3	Pennsylvania	12
Georgia	2	Rhode Island	3
Idaho	4	South Dakota	1
Illinois	4	Tennessee	1
Indiana	2	Utah	5
Iowa	1	Virginia	27
Kansas	1	Washington	9
Maine	1	West Virginia	2
Maryland	34	Wisconsin	4
Massachusetts	3	Wyoming	1
Michigan	7	Canada	1
Minnesota	2	Cuba	1
Mississippi	6	Mexico	1
Montana	1	Puerto Rico	3
New Hampshire	1	Territory of Hawaii	2
New Jersey	8	Total.....	315

GRADUATES OF COLLEGES REGISTERED IN THE SCHOOL OF MEDICINE

American University	1	Hobart College	1
Antioch College	1	Idaho, University of	3
Birmingham-Southern University	1	Illinois, University of	1
Brigham Young University	1	Kansas City, University of	1
California at Los Angeles, Uni- versity of	1	Lebanon Valley College	1
California Institute of Technology	1	Lehigh University	1
Catholic University of America	3	Louisiana State University	1
Colorado College	1	Lynchburg College	1
Columbia University	4	Marietta College	1
Cornell University	1	Maryland, University of	4
Franklin and Marshall College	3	Maryville College	1
Georgetown University	1	Miami University	1
George Washington University	18	Minnesota, University of	1
Hampton-Sydney College	1	Mississippi, University of	2
		Missouri, University of	1

Mount Union College	4	Tufts College	1
New York University	1	Union College, New York	1
North Carolina, University of ..	1	Utah, University of	1
Northwestern University	3	Villanova College	2
Northwest Missouri State Teachers College	1	Virginia, University of	1
Notre Dame College, Md.	1	Washington, University of	4
Occidental College	1	Washington State College	3
Oklahoma, University of	1	Washington and Lee University ..	1
Oregon, University of	1	Wellesley College	1
Otterbein University	1	Western Reserve University	1
Oxford University	1	Westminster College	1
Pittsburgh, University of	3	Wheaton College, Ill.	1
Princeton University	1	Whitman College	1
Puerto Rico, University of	2	William and Mary, College of ..	2
Rutgers University	2	Winston Salem, College of	1
San Diego State College	1	Wisconsin, University of	2
Smith College	1	Worcester, College of	1
South Dakota, University of	1	Worring, University of	1
South Dakota State College of Agriculture and Mechanic Arts ..	1	Yale University	3
Southern California, University of	2		
Stanford University	4	Number of College Graduates ..	110
Trinity College	1	Number of Colleges repre- sented	70

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

Report of the Comptroller

FOR THE YEAR ENDED

AUGUST 31, 1947

EXHIBITS AND SCHEDULES

EXHIBIT

A Balance Sheet.....	PAGE
B Summary of Current Operating Income and Expense.....	12
B Summary of Current Funds—Unrestricted Surplus.....	14
C Summary of Current Funds Restricted—Unexpended.....	15
D Summary of Loan Funds Principal.....	16
E Summary of Endowment Funds Principal.....	17
F Summary of Plant Funds—Unexpended.....	18
G Summary of Net Investment in Plant.....	19
	20

SCHEDULE

1 Current Operating Income.....	22
2 Current Operating Expense.....	27
3 Miscellaneous Assets and Liabilities.....	36
4 Assets of Loan Funds.....	37
5 Assets of Endowment Funds—Controlled by the University.....	38
6 Assets of Endowment Funds—Controlled by Other Trustees.....	45
7 Assets of Plant Funds—Unexpended.....	46
8 Land and Buildings—Invested in Plant.....	48
8 Trust Notes Payable.....	52
9 Equipment—Invested in Plant.....	53
10 Current Funds Restricted—Unexpended.....	54
11 Changes in Principal of Loan Funds.....	62
12 Changes in Principal of Endowment Funds.....	63
13 Changes in Principal of Plant Funds—Unexpended.....	68

APPENDIX

Gifts.....	70
Description of Trust Funds.....	73

INDEX

Accounts Receivable.....	36	Land.....	48
Administration and General Expense.....	27	Libraries.....	32-53
Agency Funds.....	54	Loan Funds.....	37
Books, Library.....	53	Assets.....	62
Buildings.....	48	Changes in Principal.....	73
Current Funds Restricted- Unexpended.....	54	Description.....	32
Deferred Income—Unrestricted.....	36	Maintenance and Operation of Plant.....	52
Duplicating Bureau.....	26-34-36	Notes Payable—Trust.....	12
Endowment Funds.....	63	Notes Payable—Unsecured.....	25 33
Changes in Principal.....	74	Ophthalmology—Post Graduate Course.....	68
Description.....	58	Plant Funds—Unexpended.....	86
Income.....	45	Changes in Principal.....	61
Investments.....	38	Description.....	46
Trustee Controlled.....	53	Income.....	36
University Controlled.....	70	Investments.....	26-35-70
Equipment.....	25-33	Prepaid Expense.....	56
Gifts.....	28	Prizes.....	26 34
Hospital.....	36	Research—Organized.....	26 34
Instruction.....	45	Residence Halls.....	26-34
Inventory.....	38	Sorority Halls.....	28 36
Investments.....	46	Student Club.....	22
Endowment Funds.....	12-15	Student Fees.....	13 20
Trustee Controlled.....	38	Surplus.....	22
University Controlled.....	46	Current Funds—Unrestricted.....	12-15
Plant Funds.....	22	Net Investment in Plant.....	13 20
		Tuition and Other Fees.....	22

INDEX OF LOAN, ENDOWMENT, AND PLANT FUNDS

Acker.....	74	Iarner.....	80
Alumni Endowment.....	74	Law School Expansion.....	86
Alumni Professorship.....	76	Lewis.....	77
Andrews.....	81	Library Books.....	87
Bartsch.....	81	Maripan.....	73
Borden.....	77	Meyer Library.....	85
Brown.....	82	Morehouse.....	83
Burns.....	79	National Park Seminary.....	78
Campaign.....	74	Noyes Library.....	85
Carr.....	81	Ohio Section of George Washington Memorial Association.....	87
Carroll.....	76	Ordronaux.....	80
Carter, H. H.....	81	Pairo.....	87
Carter, M. M.....	81	Pearson.....	83
Chamberlin.....	82	Powell.....	83
Chapman.....	78	Reichelderfer.....	75
Class of 1929 Women's Unit No. 3.....	86	Reinhardt.....	78
College Women's.....	82	Reserves for Protection of Investments.....	85
Collins.....	77	Consolidated Endowment.....	87
Congressional.....	76	Consolidated Plant.....	85
Cooper.....	77	Scottish Rite.....	80
Corcoran.....	74	Ruggles.....	80
Cowles.....	79	Sanders Endowment.....	75
Croissant.....	79	Sanders Fellowship.....	76
Cutter.....	79	School of Engineering Building.....	87
D. A. R. Endowment.....	85	School of Medicine Endowment.....	77
D. A. R. Loan.....	73	School of Medicine Building.....	87
Davis—Unrestricted Endowment.....	74		
Davis—Prize.....	79		
Davis—Scholarship.....	83		
Depew.....	76		
Dorsey.....	83		

Elton.....	76	Scottish Rite.....	77
Evans.....	79	Schwab.....	87
Farnham.....	83	Sharpe.....	77
Field House.....	86	Shepard.....	83
Fitch.....	79	Spencer.....	84
Founders of Columbian Women	82	Staughton-Elton.....	80
Fry.....	76	Sterrett.....	80
Gardner.....	77	Stone.....	84
General Building.....	86	Student Loan—University.....	73
General Hospital.....	78	Student Union Furnishings.....	87
George Washington Law Association Loan.....	73	Subscription Gifts.....	75
George Washington Memorial.....	86	Sutherland.....	73
Gibbs.....	77	Swisher Alcoe Book.....	85
Goddard.....	79	Swisher Prize.....	80
Graduate.....	85	Swisher Scholarship.....	84
Haggett.....	74	Syms.....	75
Harvey.....	83	Tree.....	78
Herron.....	82	Trustees.....	75
Home Economics Loan.....	73	Walker.....	84
Hospital Equipment.....	86	Walsh.....	80
Houser.....	78	War Loan.....	73
Howard Library.....	85	Weddell.....	80
Hubbard.....	79	Wilson.....	82
Kellogg Loan.....	73	Withers.....	75
Kendall.....	83	Withington.....	84
Kimmel.....	78	Women's Activities Building.....	87
King—Endowment.....	76	Women's Board Hospital.....	78
King—Fellowship.....	74	Woodbury.....	78
Knapp.....	82	Woodhull Endowment.....	75
Kulbank.....	78	Woodhull Scholarship.....	81
		Yulee.....	76

LETTER OF TRANSMITTAL

TO THE PRESIDENT AND THE BOARD OF TRUSTEES
THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

GENTLEMEN:

October 10, 1947

I am submitting herewith the Report of the Comptroller of The George Washington University for the fiscal year ended August 31, 1947. This report is a review of the budget operations for the year and is based on the budget approved by the Board of Trustees of the University.

The accounts of the University are kept and its financial reports set up as far as practicable in conformance with the recommendations of the National Committee on Standard Reports for Institutions of Higher Education. Under that plan the funds of the University are classified in various fund groups, and the accounts and financial statements are set up to segregate clearly the assets and liabilities of each of these groups as indicated in the balance sheet, Exhibit A.

R. G. Rankin & Co. have examined the accounts of the University for the past year, and their report is appended herewith.

A condensed summary of the principal facts in the report is presented below and on succeeding pages, followed by detailed Exhibits and Schedules.

Respectfully submitted,
HENRY W. HERZOG
Comptroller

CONDENSED SUMMARY

CURRENT FUNDS—UNRESTRICTED

These Funds represent unrestricted assets which are available for immediate use in the current operation of the University.

Operating Income for the Year (Exhibit B and Schedule 1)	4,570,940.14
Operating Expense for the Year (Exhibit B and Schedule 2)	3,409,928.27
Excess of Current Operating Income over Current Operating Expense (Exhibit B)	1,161,011.87

Of the latter amount \$358,916.68 was expended for real estate or capital improvements, \$360,250.00 was applied to the reduction of Trust Notes Payable, and the balance of \$441,845.19 was added to Surplus—Current Funds Unrestricted. Surplus at the end of the year amounted to \$579,504.48 (Exhibit B).

Accounts Receivable in the total amount of \$615,183.00 include \$530,448.30 due from the Veterans Administration under the GI "Bill of Rights" (Schedule 3).

By an agreement with the Office of Scientific Research and Development dated February 6, 1947, actual overhead costs under Contracts OE-Msr-273 and OE-Msr-1356 for the period from December 1, 1941, to August 31, 1946, were determined to be \$252,084.22, or \$26,911.19 less than the overhead allowances of \$278,995.41 the University had received during this period. Accordingly a refund of the overpayment of \$26,911.19 was made to the Treasurer of the United States (page 32). During the current fiscal year the University received additional overhead on Contract OE-Msr-273 in the amount of \$971.23 for the period September 1, 1946, to the termination of the contract on January 31, 1947, in accordance with the agreement.

Scholarships were awarded to students from the following sources: Current Funds Unrestricted, \$16,139.68 (Schedule 2—Page 5); Endowment Income, \$2,919.64 (Schedule 10—Page 4).

CURRENT FUNDS—RESTRICTED AND AGENCY

Gifts, grants, agency funds, and income from endowments comprise these funds which consist of currently expendable assets, limited as to disposition (Exhibit C and Schedule 10).

During the year restricted gifts for immediate use amounted to \$3,100.00 (page 70); other restricted gifts and grants for use as needed or specified amounted to \$218,064.30 (page 70). Restricted endowments earned \$75,822.62. Unexpended Restricted and Agency Funds total \$137,832.21 (Exhibit C).

LOAN FUNDS

For the assistance of students seeking financial aid, loan funds have been established by the University and other organizations (Schedule 11). Loans are made at a low rate of interest and when repaid the interest is added to principal.

During the year loans were made to 80 students. Gifts of \$88.00 were received. Loan Funds total \$41,003.36 (Exhibit D).

ENDOWMENT FUNDS

The principal of all endowment funds amounts to \$2,765,621.96, an increase of \$123,320.41 (Exhibit E). These funds are represented by assets which, under the terms of wills, deeds of gift, or under the by-laws of the University, must be held in perpetual trust for income producing purposes. The principal amount and purpose of every endowment fund of the University are recorded in Schedule 12. A description of the funds begins on page 74.

"Consolidated Endowment Funds" consist of eighty-seven endowments with a total value of \$1,368,076.60 (Schedule 5—Page 2). The assets of these funds are combined to eliminate the possibility of partial or total loss of any fund through the failure of a specific investment, and to avoid temporary suspension of income; it also prevents carrying uninvested small cash balances in amounts not adapted to investment, and gives equality of treatment to all funds. Unless otherwise restricted by the donors, the assets of all new endowments are added to the assets of the Consolidated Endowment Funds.

Earnings of Consolidated Endowment Funds are recorded in one income account and at the end of the year are distributed to the participating funds in the proportion each fund bears to the total of the entire group. The rate of return on the investments of these funds amounted to 4.015% during the past year and, after deducting 10% as a reserve against losses (Schedule 12—Page 3), was distributed at the rate of 3.6135%.

The Scottish Rite Endowment Fund earned 3.5299% net income on its investments during the year just ended.

Net income of all endowment funds for the year was \$96,396.01 (Schedule 10—Page 4).

Pledges to the School of Medicine Endowment Fund on August 31, 1947, totaled \$117,664.00.

PLANT FUNDS—UNEXPENDED

Cash and other assets not yet expended for development of the physical plant comprise this type of fund (Schedule 7). There was expended from these funds during the past year \$128,838.84 for land, buildings, and equipment (Exhibit F). Unexpended Plant Funds totaled \$792,785.72, an increase of \$444,438.97.

The Hospital Equipment Fund which began the year with a balance of \$155,802.58, after having expended \$12,056.84 during 1945-46, received gifts and other increases of \$555,542.09, and ended the year with a balance of \$597,675.42 after expending \$113,669.25 for equipment for the new hospital (page 68). Receipts of the Hospital Equipment Fund as of August 31, 1947, totaled \$723,401.51.

PLANT FUNDS—INVESTED IN PLANT

The investment in the physical plant of the University includes land, buildings and equipment, analyzed as follows:

	BALANCE AUGUST 31, 1946	ADDITIONS	REDUCTION	BALANCE AUGUST 31, 1947
EXHIBITS A AND G; SCHEDULES 8 AND 9				
LAND AND BUILDINGS.....	5,293,573 00	593,514 71	.....	5,887,087.71
EQUIPMENT.....	657,409.21	183,044.25	.....	840,453.46
TRUST NOTES PAYABLE.....	675,250 00	.....	138,625.00	536,625.00
NET INVESTMENT IN PLANT.....	5,275,732 21	915,183 96	.....	6,190,916.17

AUDIT CERTIFICATE

October 10, 1947

TO THE PRESIDENT AND THE BOARD OF TRUSTEES
THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

GENTLEMEN:

We have examined the balance sheet of THE GEORGE WASHINGTON UNIVERSITY as at August 31, 1947, and the statements of current operating income and expense, current funds surplus, and other fund transactions for the fiscal year then ended, have reviewed the system of internal control and the accounting procedure of the University and, without making a detailed audit of the transactions, have examined or tested accounting records of the University and other supporting evidence, by methods and to the extent we deemed appropriate. It was not practicable to confirm receivables from United States Government agencies, but we have applied other auditing procedures in verification of this asset.

In our opinion, the balance sheet and related statements of current operating income and expense, current funds surplus, and other fund transactions included in the accompanying Report of the Comptroller of the University, present fairly the financial condition of The George Washington University as at August 31, 1947, and the results of operations for the fiscal year then ended, in conformity with accepted principles of university and college accounting applied on a basis consistent with that of the preceding year.

Respectfully submitted,

R. G. RANKIN & Co.

THE GEORGE WASHINGTON UNIVERSITY

BALANCE SHEET

August 31, 1947

ASSETS		LIABILITIES	
CURRENT FUNDS		CURRENT FUNDS	
UNRESTRICTED		UNRESTRICTED	
CASH.....	65,364.63	NOTE PAYABLE—Riggs National Bank, Due November 23, 1947, Interest 3%.....	100,000.00
ACCOUNTS RECEIVABLE (Schedule 3)	615,183.00	DEFERRED INCOME AND DEPOSITS (Schedule 3)	75,200.15
PREPAID EXPENSE (Schedule 3) ..	74,157.00	SURPLUS (Exhibit B).....	579,504.48
			754,704.63
RESTRICTED AND AGENCY		RESTRICTED AND AGENCY	
CASH.....	87,832.21	UNEXPENDED FUNDS (Exhibit C)	137,832.21
U. S. A. SAVINGS BONDS Series G, 2½%, due 11-1-54..	50,000.00		
LOAN FUNDS		LOAN FUNDS	
CASH (Schedule 4).....	16,684.58	PRINCIPAL OF FUNDS (Exhibit D)	41,003.36
LOANS RECEIVABLE (Schedule 4)	24,318.78		

ENDOWMENT FUNDS

CASH (Schedule 5).....	70,643.52	
INVESTMENTS (Schedule 5).....	2,356,595.22	
	<u>2,427,238.74</u>	
CONTROLLED BY OTHER TRUSTEES (Schedule 6).....	338,383.22	2,765,621.96
		<u>2,765,621.96</u>

PLANT FUNDS

UNEXPENDED

CASH (Schedule 7).....	652,860.46	
INVESTMENTS (Schedule 7).....	<u>138,925.26</u>	
	791,785.72	791,785.72
		<u>791,785.72</u>

INVESTED IN PLANT

LAND AND BUILDINGS (Schedule 8).....	5,887,087.71	
EQUIPMENT (Schedule 9).....	<u>840,453.46</u>	
	6,727,541.17	
		<u>6,727,541.17</u>
		536,625.00
		<u>6,190,916.17</u>
		6,727,541.17

TOTAL.....	<u>11,218,489.05</u>	<u>11,218,489.05</u>
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SUMMARY OF CURRENT OPERATING INCOME AND EXPENSE

For the Year Ended August 31, 1947

INCOME (Schedule 1)		
Educational and General		
Student Fees.....	3,448,692.04	
Investment Income.....	87,724.54	
Gifts and Grants.....	219,052.14	
Miscellaneous Sources.....	86,396.44	
Activities Relating to Instruction.....	3,841,865.16	
Auxiliary Enterprises.....	430,908.07	4,272,773.23
Non Educational.....		297,991.91
		<u>175.00</u>
		4,570,940.14

EXPENSE (Schedule 2)		
Educational and General		
Administration and General.....	466,750.29	
Instruction.....	1,408,453.08	
Organized Research.....	208,281.63	
Libraries.....	54,483.99	
Maintenance and Operation of Plant.....	287,904.13	
Miscellaneous Expense.....	155,581.79	
Activities Relating to Instruction.....	2,992,291.70	
Auxiliary Enterprises.....	410,836.79	273,269.13
Non Educational.....		186,897.95
Less general overhead expense re-apportioned.....		<u>3,452,458.78</u>
		42,530.51
		3,409,928.27

EXCESS OF CURRENT OPERATING INCOME OVER CURRENT OPERATING EXPENSE (see below)..... 1,161,011.87

SUMMARY OF CURRENT FUNDS—UNRESTRICTED SURPLUS

For the Year Ended August 31, 1947

BALANCE AUGUST 31, 1946..... 137,629.29

ADDITIONS

Excess of Current Operating Income over Current Operating Expense

1,161,011.87

(see above).....

Mortar Board Library Book Fund—To reimburse Current Funds Unrestricted

for Library Books acquired prior to September 1, 1946, previously trans-

ferred to Net Investment in Plant (Schedule 13).....

30.00 1,161,041.87

DEDUCTIONS

Transferred to Net Investment in Plant—Land and Buildings—Exhibit G...

358,916.68

Reduction of Trust Notes Payable—Exhibit G

675,250.00

Trust Notes Payable August 31, 1946.....

221,625.00

Additions to Trust Notes Payable.....

896,875.00

Trust Notes Payable August 31, 1947 (Schedule 8).....

360,250.00 719,166.68

441,875.19

BALANCE AUGUST 31, 1947—EXHIBIT A.....

579,504.48

EXHIBIT B

SUMMARY OF CURRENT FUNDS RESTRICTED—UNEXPENDED

For the Year Ended August 31, 1947

	TOTAL	MISCEL- LANEOUS	AGENCY	ORGANIZED RESEARCH	INVESTMENT INCOME
BALANCE AUGUST 31, 1946.....	138,429.35	11,747.15	11,261.17	45,876.20	69,544.83
ADDITIONS (Schedule 10)					
Gifts and Grants.....	218,064.30	2,449.30	.....	215,615.00	.....
Transferred from Schedule 11.....	2,000.00	2,000.00	.....	.....	.....
Deposits.....	37,964.76	266.25	37,698.51	.....	.....
Investment income.....	100,827.59	.....	.....	.....	100,827.59
	<u>358,856.65</u>	<u>4,715.55</u>	<u>37,698.51</u>	<u>215,615.00</u>	<u>100,827.59</u>
DEDUCTIONS (Schedule 10)					
Lectures.....	190.69	190.69	.....	.....	.....
Refunds.....	299.50	299.50	.....	.....	.....
Transferred to Miscellaneous Income.....	6.00	6.00	.....	.....	.....
Transferred to Schedule 12.....	1,000.00	1,000.00	.....	.....	.....
Fellowships.....	600.00	600.00	.....	.....	.....
Scholarships.....	4,518.64	1,599.00	.....	.....	2,919.64
Prizes.....	796.52	25.00	.....	.....	771.52
Transferred to Hospital Income.....	1,263.60	215.76	.....	.....	1,047.84
Transferred to Schedule 13.....	45.00	.....	.....	.....	.....
Withdrawals.....	48,049.89	.....	45.00	.....	.....
Salaries.....	126,820.88	.....	48,049.89	126,820.88	.....
Expenses.....	81,460.75	.....	.....	81,460.75	.....
Transferred to Women's Board.....	36.14	.....	.....	.....	36.14
Transferred to Exhibit G.....	38.27	.....	.....	.....	38.27
Transferred to Schedule 1.....	87,724.54	.....	.....	.....	87,724.54
Transferred to Trust Funds Principal.....	6,403.37	.....	.....	.....	6,603.37
	<u>359,453.79</u>	<u>3,935.95</u>	<u>48,094.89</u>	<u>208,281.63</u>	<u>99,141.32</u>
BALANCE AUGUST 31, 1947—EXHIBIT A.....	137,832.21	12,526.75	864.79	53,209.57	71,231.10

SUMMARY OF LOAN FUNDS PRINCIPAL
For the Year Ended August 31, 1947

BALANCE AUGUST 31, 1946.....	43,856.45
ADDITIONS (Schedule 11)	
Income of D.C.—D.A.R. Endowment Fund.....	180.68
Gifts.....	88.00
Interest on loans.....	122.67
	<u>391.35</u>
	44,247.80
DEDUCTIONS (Schedule 11)	
Transferred to Schedule 10.....	2,000.00
Refunded to United States Government.....	<u>1,244.44</u>
	3,244.44
BALANCE AUGUST 31, 1947—EXHIBIT A.....	<u>41,003.36</u>

EXHIBIT D

SUMMARY OF ENDOWMENT FUNDS PRINCIPAL

For the Year Ended August 31, 1947

BALANCE August 31, 1946.....	2,642,301.55
ADDITIONS (Schedule 12)	
Gifts.....	107,892.90
Investment income.....	9,997.80
Gain on sale of investments.....	4,429.71
Transferred from Schedule 10.....	1,000.00
	<u>123,320.41</u>
BALANCE August 31, 1947—EXHIBIT A.....	<u>2,765,621.96</u>

SUMMARY OF PLANT FUNDS—UNEXPENDED

For the Year Ended August 31, 1947

BALANCE AUGUST 31, 1946.....	347,346.75
ADDITIONS (Schedule 13)	
Gifts.....	578,190.97
Investment income.....	1,626.25
Transferred from other Plant Funds.....	6,000.00
Transferred from Schedule 10—Agency Funds.....	45.00
	<hr/> 585,862.22
DEDUCTIONS	
Transferred to Hospital Equipment Fund.....	6,000.00
Net loss on sale of investments.....	6,554.41
Transferred to Exhibit B.....	30.00
Land and Buildings—Invested in Plant—Exhibit G.....	12,973.03
Equipment—Invested in Plant—Exhibit G.....	115,865.81
	<hr/> 141,423.25
BALANCE AUGUST 31, 1947—EXHIBIT A.....	<hr/> 791,785.72

EXHIBIT F

SUMMARY OF NET INVESTMENT IN PLANT

For the Year Ended August 31, 1947

BALANCE AUGUST 31, 1946.....				5,275,732.21
ADDITIONS				
Reductions in Trust Notes Payable (Exhibit B).....	360,250.00			
Less Trust Notes Assumed during year*.....	<u>221,625.00</u>			138,625.00
		LAND AND BUILDINGS SCHEDULE 8	EQUIPMENT SCHEDULE 9	
Current Funds Unrestricted (Exhibit B).....		358,916.68		
Current Funds Restricted - Unexpended (Exhibit C).....			38.27	
Plant Funds - Unexpended (Exhibit F).....		12,973.03	115,865.81	
Departments (Schedule 2 - Page 5).....			67,140.17	
*Trust Notes Payable (Schedule 8—Page 3—Item E).....		<u>221,625.00</u>	<u>183,044.25</u>	
		593,514.71	776,558.96	915,183.96
BALANCE AUGUST 31, 1947—EXHIBIT A.....				<u>6,190,916.17</u>

SCHEDULES

CURRENT OPERATING INCOME
For the Year Ended August 31, 1947

EDUCATIONAL AND GENERAL

STUDENT FEES		
Tuition and Laboratory		
Junior College.....	988,406.96	
Columbian College.....	176,129.31	
Graduate Council.....	5,070.00	
School of Government.....	74,752.87	
Division of Secretarial Students.....	1,764.00	
Division of Special Students.....	344,749.98	
Division of University Students.....	273,454.57	1,864,327.69
School of Education.....	41,068.68	
" " Engineering.....	228,493.43	
" " Law.....	177,418.05	
" " Medicine.....	167,384.00	
" " Pharmacy.....	5,866.50	620,230.66
		<u>2,484,558.35</u>
Summer Sessions—Junior College.....		252,894.89
" " Columbian College.....		56,496.75
" " Division of Secretarial Students.....		643.75
" " Division of Special Students.....		69,138.66
" " Division of University Students.....		112,572.07
" " School of Education.....		18,394.25
" " School of Engineering.....		68,195.17
" " School of Government.....		43,359.92
" " School of Law.....		58,801.91
" " School of Pharmacy.....		1,200.50
" " Graduate Council.....		2,875.00
		<u>684,572.87</u>
Unallocated (Fees Old).....		<u>3,831.14</u>
		3,172,962.36

Miscellaneous Fees	
Application Fees.....	14,705.10
Aptitude Tests.....	2,433.00
Binding Theses.....	534.00
Breakage.....	636.20
Graduation.....	20,483.00
Late Fees.....	2,540.00
Library Fines.....	736.73
Reinstatement Fees.....	934.00
Service Fees.....	1,287.00
Special Examinations.....	136.00
Student Bar Association.....	3,574.00
Transcripts.....	820.65
University Fees.....	226,910.00
	<hr/>
	275,729.68
	<hr/>
	3,448,692.04

— 23 —

INVESTMENT INCOME (Schedule 10)

Endowment Funds	
Unrestricted.....	21,573.39
Restricted.....	63,345.82
	<hr/>
Plant Funds—Restricted.....	84,919.21
	<hr/>
	2,805.33
	<hr/>
	87,724.54

CURRENT OPERATING INCOME (Continued)

For the Year Ended August 31, 1947

EDUCATIONAL AND GENERAL (Continued)

Gifts and Grants		
Unrestricted (page 70).....	7,070.51	
Restricted		
Schedule 10		
Dr. Freeman and Watts.....		600.00
Organized Research (portion used).....		208,281.63
Other (page 70).....		3,100.00
	211,981.63	219,052.14

MISCELLANEOUS SOURCES

Commissions for Collections of Doctors' Fees by Hospital.....	2,377.64	
Discounts Earned.....	2,037.83	
Miscellaneous Income.....	1,160.38	
Reading Clinic.....	460.00	
Rent on University Property—Net.....	28,120.62	
Speech Clinic.....	1,685.50	
Student Activities		
Athletics—Miscellaneous.....		2,584.90
Cue and Curtain.....		8,569.25
Hatchet.....		3,615.81
Law Review.....		1,922.21
Student Council.....		9,074.12
Veterans Administration—Handling Fee.....		86,396.44
	25,766.29	24,788.18

ACTIVITIES RELATING TO INSTRUCTION
The George Washington University Hospital

Hospital Patients			
Private Rooms	102,438.95		
Semi-Private Rooms	32,526.59		
Wards	69,462.24		
Delivery Rooms	9,151.16		
Operating Rooms	24,715.32		
X-Ray Department	17,549.75		
Laboratories	27,753.33		
Pathological Examinations—Frozen Sections	875.00		
“ Tissues	2,807.50		
Pharmacy	39,395.98		
Supplies	4,162.54		
Blood Plasma (Schedule 10)	139.43		
Community Blood Plasma Bank	1,575.00		
Board of Special Nurses	3,277.20		
Telephone	141.82		
Other Hospital Services	4,778.90		
Out Patient Department	1,423.30		
Anesthetics	23,342.38	365,516.39	
Other Sources			
Community Chest, Health Security Administration	10,440.75		
Group Hospitalization Dividends	8,379.31		
Gifts—Amity Relief Club (Schedule 10)	17.98		
“ Cancer Clinic (Schedule 10)	58.35		
“ Other (page 70)	862.50		
Endowment Income (Schedule 10)	938.83		
Other Income	1,047.84		
	302.36	21,109.09	386,625.48
Post-Graduate Course in Ophthalmology			
Receipts		13,647.54	
Deferred		4,348.57	9,298.97
Post-Graduate Medical Education			
Deferred from 1945-46	22,093.12		
Gift (page 70)	16,210.00		
Tuition	41,451.10		
Deferred to 1947-48		79,754.22	
		44,770.60	34,983.62
			430,908.07

CURRENT OPERATING INCOME (Continued)

For the Year Ended August 31, 1947

AUXILIARY ENTERPRISES

RESIDENCE HALLS	
Staughton Hall.....	16,943.38
Strong Hall.....	29,006.82
2025 H Street, N.W.....	3,652.36
	<hr/> 49,602.56
SORORITY HALLS	
2121 G Street, N. W.....	627.50
2129 G Street, N. W.....	4,500.00
2131 G Street, N. W.....	665.00
802 21st Street, N. W.....	1,920.00
	<hr/> 7,712.50
OTHER	
Dining Hall—University.....	49,529.41
Duplicating Bureau.....	4,474.17
Lisner Auditorium.....	17,528.12
Martha Washington Club.....	80.00
Student Club.....	136,052.15
Washington Counseling Center.....	33,013.00
	<hr/> 240,676.85
	<hr/> 297,991.91

NON EDUCATIONAL

Prizes—Gifts (Page 70).....	175.00
" " Deferred from 1945-46.....	200.00
" " Deferred to 1947-48 (Schedule 3).....	25.00
	<hr/> 175.00

TOTAL—EXHIBIT B..... 4,570,940.14

CURRENT OPERATING EXPENSE

For the Year Ended August 31, 1947

EDUCATIONAL AND GENERAL

ADMINISTRATION AND GENERAL*

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
President's Office.....	86,496.31	55,528.91	30,967.40	
Comptroller's Office.....	71,785.42	57,788.78	13,996.64	
Business Manager's Office.....	85,130.24	25,894.56	27,339.35	31,896.33
Admissions Office.....	54,693.58	48,619.24	6,074.34	
Registrar's Office.....	32,966.21	26,999.30	5,966.91	
Activities for Men.....	14,872.39	12,312.24	2,560.15	
Activities for Women.....	7,867.33	7,500.50	366.83	
Adviser to Students from Foreign Countries.....	849.89	319.83	530.06	
Alumni and Public Relations.....	37,894.51	20,709.37	14,513.19	2,671.95
Retirements.....	47,261.00	12,600.00	34,661.00	
University Chapels.....	332.15	285.00	47.15	
Veterans Administration.....	26,601.26	23,496.09	3,105.17	
TOTAL—EXHIBIT B.....	466,750.29	292,053.82	140,128.19	34,568.28

CURRENT OPERATING EXPENSE (Continued) For the Year Ended August 31, 1947

EDUCATIONAL AND GENERAL (Continued)

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
INSTRUCTION				
Junior College, Columbian College				
Graduate Council, School of Government				
Divisions of Journalism, Extension Students, Secretarial Students, Special Students, and University Students				
Administrative Expense.....	30,127.65	27,025.90	3,101.75	
Art.....	17,415.19	8,850.00	8,565.19	34.26
Biology.....	10,754.40	10,510.00	210.14	80.50
Botany.....	19,063.64	18,076.25	906.89	
Business Administration.....	30,492.50	30,382.50	110.00	
Chemistry.....	71,311.84	55,408.18	14,739.55	1,164.11
Economics.....	39,605.00	39,315.00	290.00	
English.....	93,144.55	92,775.35	369.20	
Extension.....	2,004.00	2,004.00		
Foreign Affairs.....	2,900.00	2,900.00		
Foreign Review.....	2,599.24	2,626.90	(-27.66)	
Foreign Service Review.....	4,408.88	3,892.75	516.13	
Geography.....	5,122.77	5,060.00	25.96	36.81
Germanic Languages.....	19,160.88	19,130.00	30.88	
Graduate Council.....	1,146.01	1,175.00	971.01	
History.....	33,631.08	33,321.25	309.83	
Journalism.....	2,233.98	2,220.00	13.98	
Mathematics.....	39,526.75	39,501.75	25.00	
Philosophy.....	7,671.27	7,645.00	26.27	
Physics.....	41,282.15	38,567.17	799.65	1,915.33
Political Science.....	22,549.18	22,350.00	199.18	
Public Administration.....	4,230.00	4,230.00		
Psychology.....	28,310.28	27,495.00	639.81	175.47
Romance Languages.....	77,300.67	77,120.00	180.67	
Secretarial Studies.....	4,424.83	4,250.00	174.83	
Sociology.....	7,004.30	6,950.00	54.30	
Speech.....	20,653.04	18,974.38	844.61	834.05
Statistics.....	17,474.96	17,374.98	99.98	
Zoology.....	33,378.57	24,632.34	4,683.62	4,062.61
	686,927.61	640,763.70	37,860.77	8,303.14

Law School			
Administration.....	4,510.17	3,622.59	887.58
Instruction.....	68,177.12	67,368.62	808.50
	<u>72,687.29</u>	<u>70,991.21</u>	<u>1,696.08</u>

School of Education			
Administration.....	3,608.50	3,062.56	545.94
Education.....	26,555.86	25,794.50	761.36
Home Economics.....	15,921.35	11,930.00	2,933.76
	<u>46,085.71</u>	<u>40,787.06</u>	<u>1,057.59</u>
			<u>1,057.59</u>

School of Engineering			
Administration.....	3,301.09	2,718.54	582.55
Civil.....	24,680.30	21,936.97	2,140.44
Electrical.....	15,383.96	13,905.00	484.16
Management.....	8,000.00	8,000.00	
Mechanical.....	30,023.00	27,441.25	250.84
	<u>81,388.35</u>	<u>74,001.76</u>	<u>3,457.99</u>
			<u>3,928.60</u>

CURRENT OPERATING EXPENSE (Continued)

CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1947

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
EDUCATIONAL AND GENERAL (Continued)				
INSTRUCTION (Continued)				
School of Medicine				
Administration	14,210.16	11,816.62	2,393.54	
Anatomy	15,283.98	14,220.00	881.32	182.66
Bacteriology, Hygiene, and Preventive Medicine	18,692.45	17,330.00	1,067.70	294.75
Biochemistry	17,596.06	16,394.00	1,202.06	
Dermatology	1,175.00	1,175.00		
Lectures and Exchange Professors	1,620.00	1,620.00		
Medicine	33,920.21	33,681.65	238.56	
Neurology	4,597.44	4,243.47	353.97	
Obstetrics and Gynecology	13,865.12	13,616.62	248.50	
Ophthalmology	1,830.14	1,630.00	180.14	
Oto-rhino-laryngology	1,850.00	1,850.00		
Pathology	26,395.71	24,806.64	1,329.66	259.41
Pediatrics	4,941.11	4,799.92	141.19	
Pharmacology	15,487.97	14,345.00	792.97	350.00
Physiology	20,438.22	18,679.94	1,281.09	477.19
Psychiatry	1,975.00	1,975.00		
Research—General	11,840.20	1,614.17	10,226.03	
Surgery...	19,275.21	18,991.65	283.56	
Urology	1,202.50	1,200.00	2.50	
	226,196.48	204,009.68	20,622.79	1,564.01

School of Pharmacy					
Administration.....	1,073.19	935.00	138.19		
Instruction.....	14,302.03	13,540.00	491.32		270.71
	15,375.22	14,475.00	629.51		270.71
Summer Sessions					
Administration.....	5,171.65	1,300.00	3,871.65		
Instruction.....	225,708.79	220,227.00	4,905.58		576.21
	230,880.44	221,527.00	8,777.23		576.21
Physical Education					
Men.....	21,743.16	13,550.00	8,193.16		
Women.....	27,168.82	22,170.58	4,998.24		
	48,911.98	35,720.58	13,191.40		
TOTAL INSTRUCTION—EXHIBIT B.....	1,408,453.08	1,302,275.99	90,476.83		15,700.26
ORGANIZED RESEARCH * (Schedule 10)—EXHIBIT B.....	208,281.63	126,820.88	81,460.75		

CURRENT OPERATING EXPENSE (Continued)

CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1947

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT C
EDUCATIONAL AND GENERAL (Continued)				
LIBRARIES				
Books.....	10,309.72			10,309.72
Other Expense.....	44,174.27	38,176.88	4,777.34	1,220.05
TOTAL—EXHIBIT B.....	54,483.99	38,176.88	4,777.34	11,529.77
MAINTENANCE AND OPERATION OF PLANT*—EXHIBIT B...	287,904.13	149,363.80	138,540.33	
MISCELLANEOUS EXPENSE	1,361.00		1,361.00	
Alumni Dues.....				
Student Activities				
Cue and Curtain.....	10,983.36	1,305.00	9,678.36	
Health Administration.....	10,563.21	7,805.42	2,757.79	
Law Review.....	5,083.57	720.00	4,363.57	
Men's Athletics.....	69,508.82	19,741.53	49,767.29	
Student Council Accounts.....	26,276.41		26,276.41	
University Accounts.....	4,888.65	4,350.00	538.65	
Office of Scientific Research and Development				
Refund of Overhead Charges in excess of allowance (see page 7 for details).....	26,913.89		26,913.89	
Contract Suspensions.....	2.88		2.88	
TOTAL—EXHIBIT B.....	155,581.79	33,921.95	121,659.84	

ACTIVITIES RELATING TO INSTRUCTION
The George Washington University Hospital

Administration	48,963.29	23,484.69	25,478.60
Medical and Surgical Care	29,471.72	3,782.00	25,689.72
Nursing Care	109,278.33	109,278.33	
Laboratories	14,945.09	12,923.73	2,021.36
Pharmacy	25,000.17	1,999.92	25,000.25
X-Ray	17,893.98	14,124.99	3,768.99
Anesthetic Department	14,198.39	12,839.36	1,359.03
Out-Patient Department	6,888.14	6,770.91	117.23
Dietary	59,268.35	17,895.08	41,373.27
Laundry	14,579.12		14,579.12
Medical Records and Library	2,071.10	1,999.92	71.18
Housekeeping	13,943.23	9,772.78	4,170.45
Heat, Light, Power	5,176.23		5,176.23
Maintenance of Building	3,606.23	2,205.00	1,401.23
Yard Service	1,210.83	1,210.83	
	<u>366,554.20</u>	<u>218,287.54</u>	<u>148,266.66</u>
Post-Graduate Course in Ophthalmology	9,298.97	4,140.00	5,158.97
Post-Graduate Medical Education	34,983.62	22,103.10	12,880.52
TOTAL—EXHIBIT B	<u>410,836.79</u>	<u>244,530.64</u>	<u>166,306.15</u>

CURRENT OPERATING EXPENSE (Continued)

CURRENT OPERATING EXPENSE (Continued)

For the Year Ended August 31, 1947

AUXILIARY ENTERPRISES

RESIDENCE HALLS

Staughton Hall.....	17,380.73	8,803.95		
Strong Hall.....	33,879.10	12,865.97		
2025 H Street, N. W.....	986.70			
	<u>52,246.53</u>	<u>21,669.92</u>		

SORORITY HALLS

2129 G Street, N. W.....	1,898.75	300.00		
2131 G Street, N. W.....	1,809.84	100.00		
802 21st Street, N. W.....	2,854.11	200.00		
	<u>6,562.70</u>	<u>600.00</u>		

OTHER

Dining Hall—University.....	49,640.70	17,439.79	32,200.91	
Duplicating Bureau.....	2,407.74	639.75	1,767.99	
Lisner Auditorium.....	19,907.12	10,916.48	8,990.64	
Student Club.....	117,759.12	19,470.88	93,150.89	5,137.35
Washington Counseling Center.....	24,745.22	23,192.47	1,348.24	204.51
	<u>214,459.90</u>	<u>71,659.37</u>	<u>137,458.67</u>	<u>5,341.86</u>

TOTAL—EXHIBIT B.....

273,269.13

93,929.29

173,997.98

5,341.86

NON EDUCATIONAL

FINANCIAL CAMPAIGNS.....	138,481.72	42,875.73	95,605.99
INTEREST ON NOTES PAYABLE.....	32,101.55	.....	32,101.55
PRIZES—Awarded from gifts received (page 70).....	175.00	.....	175.00
SCHOLARSHIPS.....	16,139.68	.....	16,139.68
TOTAL—EXHIBIT B.....	<u>186,897.95</u>	<u>42,875.73</u>	<u>144,022.22</u>
TOTAL EXPENSE—EXHIBIT B.....	3,452,458.78	2,323,948.98	<u>1,061,369.63</u>
			<u>67,140.17</u>

* Less general overhead expense apportioned as follows:

Organized Research	
Office of Scientific Res. and Development	971.23
Contract OFMSr-273.....	15,965.34
United States Army.....	518.10
United States Navy.....	1,000.00
Pharmacy Research Accounts.....	<u>18,454.67</u>
Federal Public Housing Authority.....	4,075.84
University Hospital.....	<u>20,000.00</u>

TOTAL EXPENSE, ADJUSTED—EXHIBIT B.....	<u>3,409,928.27</u>
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CURRENT OPERATING EXPENSE (Continued)

MISCELLANEOUS ASSETS AND LIABILITIES

August 31, 1947

ACCOUNTS RECEIVABLE

Veterans Administration—Veterans' Tuition, Books, Supplies	530,448.30
" Washington Counseling Center	6,860.00
Regular Students—Tuition and Other Fees	14,543.23
Dormitory Rents	839.23
Loans to Veterans	860.00
Federal Public Housing Authority—Furniture	1,768.43
United States Army—Research	46,922.80
United States Navy—Research	12,941.01
	<u>615,183.00</u>

PREPAID EXPENSE

Supplies—Dining Room	641.00
" Duplicating Bureau	429.00
" Stockroom	51,901.00
" Student Club	18,339.00
Microscopes	2,696.70
Miscellaneous	130.30
	<u>74,157.00</u>

DEFERRED INCOME AND DEPOSITS

Gift—Prize—U. D. C.	25.00
Library Deposits	65.00
Orthoptic Training	80.18
Post-Graduate Course in Ophthalmology	9,494.42
Post-Graduate Medical Education	44,770.60
Student Council—Book Exchange	46.99
" Cherry Tree	3,272.76
Student Fees	17,445.20
	<u>75,200.15</u>

ASSETS OF LOAN FUNDS

August 31, 1947

	TOTAL	CASH	LOANS RECEIVABLE
D.C.—D.A.R. Loan Fund.....	2,475.25	2,237.25	238.00
George Washington Law Association Loan Fund.....	768.00	568.00	200.00
Home Economics Loan Fund.....	307.35	307.35	
Kellogg Medical School Loan Fund.....	15,382.93	4,626.48	10,756.45
Maripan Loan Fund.....	250.00	217.00	33.00
Student Loan Fund.....	8,075.50	7,528.50	547.00
Sutherland Medical School Loan Fund.....	1,200.00	1,200.00	
War Loan Fund.....	12,544.33		12,544.33
TOTALS—EXHIBIT A.....	41,003.36	16,684.58	24,318.78

SCHEDULE 4

CURRENT OPERATING EXPENSE (Continued)

ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY

August 31, 1947

CONSOLIDATED ENDOWMENT FUNDS

BONDS	DESCRIPTION	%	DUE	VALUE		
				PAR	MARKET	BOOK
American Telephone and Telegraph Co.	Debenture	2¾	1961	12,000	13,320.00	13,290.00
Atchison, Topeka and Santa Fe Ry. Co.	General Mortgage	4	1995	2,000	2,580.00	1,970.00
Baltimore and Ohio R. R. Co., Pittsburgh						
Lake Erie and W. Va. System	Refunding Mortgage, Series A	4	1980	5,000	4,500.00	5,057.00
Capital Transit Co.	First and Refunding Mortgage A	4	1964	8,000	8,400.00	8,000.00
Great Northern Railway Co.	General Mortgage D	4½	1976	25,000	31,250.00	25,217.00
Liggett and Myers Tobacco Co.	Debenture	5	1951	12,000	13,560.00	12,491.00
New York Central Railroad Co.	Refunding and Improvement A	4½	2013	30,000	21,600.00	24,750.00
Pennsylvania Railroad Co.	General Mortgage F	4¼	1984	25,000	25,250.00	26,693.00
Pennsylvania Railroad Co.	Consolidated Mortgage	4½	1960	1,000	1,180.00	1,026.00
United States of America	Treasury Bonds	2¼	1959-62	50,000	51,500.00	50,000.00
United States of America	"	2½	1949-53	100	104.00	100.00
United States of America	"	2½	1967-72	10,000	10,300.00	10,000.00
United States of America	Savings Bonds, Series G	2½	10-1-54	23,000	21,781.00	23,000.00
United States of America	"	2½	11-1-54	47,000	44,509.00	47,000.00
United States of America	"	2½	1-1-55	17,000	16,099.00	17,000.00
United States of America	"	2½	4-1-55	36,500	34,565.50	36,500.00
United States of America	"	2½	9-1-55	41,100	38,962.80	40,880.00
United States of America	"	2½	10-1-55	7,500	7,110.00	7,456.00
United States of America	"	2½	2-1-56	9,000	8,532.00	9,000.00
United States of America	"	2½	2-1-58	10,000	9,690.00	10,000.00
United States of America	"	2½	7-1-58	35,000	34,230.00	35,000.00
United States of America	"	2.53	8-1-56	200	152.00	152.00
United States of America	"	2.53	11-1-58	200	148.00	148.00
Washington Gas Light Co.	General Mortgage	5	1960	6,000	7,680.00	6,509.00
West Shore Railroad Co.	Guaranteed First Mortgage	4	2361	26,000	16,380.00	22,620.00
					423,383.30	433,859.00

STOCKS—PREFERRED

STOCKS—PREFERRED	%	SHARES	10,000.00
Allis-Chalmers Manufacturing Co. Cumulative Convertible.	3 1/4	100	9,800.00
American Brake Shoe Co. "	5 1/4	180	22,500.00
American Power and Light Co. \$6 Cumulative.		150	16,500.00
American Smelting and Refining Co. Cumulative.	7	120	16,637.09
American Viscose Corporation. "	5	150	17,499.70
Appalachian Electric Power Co. 4 1/2	150	17,850.00	16,125.00
Atchison, Topeka and Santa Fe Ry. Co. Non Cumulative.	4 1/2	100	11,400.00
Cleveland and Pittsburgh R. R. Co. Guaranteed.	5	60	6,300.00
Coming Glass Works. Cumulative.	7	100	7,900.00
Detroit, Hillsdale and S. W. R. R. Co. 3 1/2	240	24,900.00	24,000.00
General Motors Corporation 4	163	9,454.00	10,432.00
General Motors Corporation \$3.75 Cumulative.	200	21,400.00	20,000.00
General Motors Corporation \$5 Cumulative.	100	12,800.00	12,525.25
General Shoe Corporation \$3.50 Cumulative.	50	4,750.00	5,180.00
Gold and Stock Telegraph Co. Guaranteed.	6	100	11,900.00
Hecht Co. Cumulative.	3 3/4	50	5,150.00
H. J. Heinz Co. "	3 6/8	200	21,400.00
International Harvester Co. \$3.75 Cumulative.	7	100	18,400.00
May Department Stores Company. \$4 Cumulative.		200	20,400.00
McKesson and Robbins, Inc. \$3.50 Cumulative.		100	10,400.00
Merck and Co., Inc. Cumulative Convertible.	4 1/2	105	10,700.00
Oliver Corporation. Cumulative, Series C.	3.70	200	20,400.00
Pennsylvania Electric Co. Cumulative.	3.8	100	10,900.00
Philadelphia Electric Co. "	6	2	214.00
Potomac Electric Co. \$2 Cumulative.		400	14,800.00
Rayonier, Inc. Cumulative.	3.60	100	10,300.00
R. J. Reynolds Tobacco Co. "	3 1/2	200	20,600.00
Sterling Drug, Inc.			33,505.00
			373,743.35

CURRENT OPERATING EXPENSE (Continued)

ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1947

CONSOLIDATED ENDOWMENT FUNDS (Continued)

	SHARES	VALUE	
		MARKET	BOOK
Stocks—Common			
Allis-Chalmers Manufacturing Co.....	500	18,000.00	21,347.00
American Gas and Electric Co.....	300	11,400.00	12,092.56
Atlantic City Electric Co.....	6	120.00	120.00
Capital Transit Co.....	27	621.00	2,835.00
Chrysler Corporation.....	100	11,600.00	11,500.25
Commonwealth Edison Co.....	640	19,200.00	18,190.00
Continental Can Co.....	31	1,147.00	2,375.38
Continental Illinois National Bank and Trust Co.....	270	22,680.00	16,945.31
Continental Oil Co. of Delaware.....	210	9,450.00	9,454.95
General Electric Co.....	100	3,600.00	5,405.00
General Motors Corporation.....	500	29,500.00	26,523.75
Goodyear Tire and Rubber Co.....	200	8,800.00	9,411.57
International Nickel Co. of Canada, Ltd.....	200	5,800.00	12,035.25
Kennecott Copper Corporation.....	300	13,500.00	18,227.50
Mergenthaler Linotype Co.....	6	348.00	588.00
National City Bank of New York.....	39	1,599.00	3,517.04
New York Air Brake Co.....	200	7,800.00	8,646.84
Phelps Dodge Corporation.....	200	8,400.00	7,857.25
R. J. Reynolds Tobacco Co.—Non-voting B.....	100	4,000.00	5,112.50
Riggs National Bank.....	13	4,010.00	4,875.00
Security Storage Co.....	67	7,256.00	5,058.50
Socony-Vacuum Co.....	1,500	24,000.00	23,687.16
Southern Pacific Co.....	50	2,150.00	1,525.00
Standard Oil Co. of California.....	300	17,400.00	11,796.85
		232,381.00	239,127.66

TRUST NOTES RECEIVABLE

Barkley Bros., Inc.—Secured by 1212-1214 Lee Blvd., 1216-1218 North Rolfe, and 1200-1210 N. 12th St., Arlington, Va.	4	10-14-52	2,000.00	2,000.00
Bronaugh, Alfred T. and Katherine—Secured by lot 21, square 2836.	3½	7-9-49	2,000.00	2,000.00
Edmund Property, Inc.—Secured by lot 4, square 15.	4	11-19-52	6,500.00	6,500.00
Grady, Dallas E.—Secured by lot 6, square 3953.	3½	4-9-48	6,000.00	6,000.00
Henderson, James M.—Secured by lots 33-34, square 3187.	4	2-15-49	1,000.00	1,000.00
Murphy, Lester B.—Secured by part of lot 27, block 11, Bon Air, Arlington, Va.	5	7-1-49	1,250.00	1,250.00
Snow, Chester A.—Secured by lot 77, square 162.	4	10-31-49	8,000.00	8,000.00
Swartzell, John M.—Secured by lot 82, square 33.	4	7-15-51	2,000.00	2,000.00
Wollberg, Ben—Secured by lot 9, square 16.	4	12-4-51	3,500.00	3,500.00
			<u>32,250.00</u>	<u>32,250.00</u>

REAL ESTATE

Strong Hall—620 21st Street, N. W. Lots 19-20-818-819, square 80.	235,385.68	235,385.68
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CASH.....	53,710.91	53,710.91
	<u>1,558,618.89</u>	

TOTAL.....	1,368,076.60	
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ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1947

SCOTTISH RITE FUND

BONDS	DESCRIPTION	7% DUZ	VALUE		
			PAR	MARKET	BOOK
American Telephone and Telegraph Co.	Debenture	2 3/4 1980	25,000	25,000.00	25,000.00
Capital Transit Co.	First and Refunding Mortgage A.	4 1964	10,000	10,500.00	10,000.00
Central Illinois Light Co.	First and Consolidated Mortgage	3 1/2 1966	20,000	22,000.00	20,705.00
Cleveland Union Terminals Co.	First Mortgage Sinking Fund C	4 1/2 1977	24,000	25,200.00	23,460.00
Lexington and Eastern Railway Co.	First Mortgage	5 1965	12,000	15,360.00	13,024.00
Liggett and Meyers Tobacco Co.	Debenture	5 1951	3,000	3,390.00	3,124.00
New England Telephone and Telegraph Co.	First Mortgage A.	5 1952	15,000	16,050.00	15,248.00
Northern Pacific Railway Co.	Prior Lien Railway and Land Grant	4 1997	25,000	27,000.00	26,979.00
Protestant Episcopal Cathedral Foundation of D. C.	Treasury Bonds	3 1/2 1951	10,000	10,000.00	10,021.00
United States of America	"	2 1950-52	103,000	105,060.00	103,000.00
United States of America	"	2 1951-53	20,000	20,600.00	20,000.00
United States of America	"	2 1/4 1959-62	25,000	25,750.00	25,000.00
United States of America	"	2 1/4 1967-72	25,000	25,750.00	25,000.00
United States of America	Savings Bonds, Series G	2 1/2 10-1-53	50,000	47,600.00	50,000.00
United States of America	"	2 1/2 10-1-54	100,000	94,700.00	100,000.00
United States of America	"	2 1/2 1-1-55	100,000	94,700.00	100,000.00
United States of America	"	2 1/2 2-1-56	1,000	948.00	1,000.00
Washington Gas Light Co.	General Mortgage	5 1960	4,000	5,120.00	4,612.00
West Shore Railroad Co.	Guaranteed First Mortgage	4 2361	14,000	8,820.00	12,355.00
				583,548.00	588,528.00

STOCKS—PREFERRED			SHARES	
American Viscose Corporation.....	Cumulative.....	5	150	17,850.00
Dresser Industries, Inc.....	Cumulative Convertible.....	394	200	18,800.00
Federated Department Stores, Inc.....	Convertible.....	413	100	10,500.00
General Motors Corporation.....	33.75 Convertible.....	40	40	4,280.00
General Shoe Corporation.....	33.50 Cumulative.....	50	50	4,750.00
Goodyear Tire and Rubber Co.....	35 Cumulative Convertible.....	100	100	10,600.00
Hecht Co.....	Cumulative.....	334	150	15,000.00
International Harvester Co.....	4.....	7	50	9,200.00
Le Tourneau, R. G., Inc.....	34 Cumulative.....	200	200	17,800.00
McKesson and Robbins, Inc.....	34 Cumulative.....	100	100	10,400.00
Montgomery Ward and Co.....	27 Cumulative A.....	100	100	18,800.00
Pacific Telephone and Telegraph Co.....	Cumulative.....	6	100	15,800.00
Philadelphia Electric Co.....	4.....	3.8	100	10,900.00
Philip Morris and Co., Ltd., Inc.....	4.....	4	158	14,352.00
R. J. Reynolds Tobacco Co.....	4.....	3.60	200	20,600.00
				<u>199,632.00</u>

STOCKS—COMMON

Cincinnati Milling Machine Co.....	500	11,500.00	18,609.10
Commonwealth Edison Co.....	800	24,000.00	21,995.00
Continental Oil Co. of Delaware.....	500	22,500.00	15,725.25
General Electric Co.....	400	14,400.00	17,210.00
Goodyear Tire and Rubber Co.....	200	8,800.00	9,649.34
International Nickel Co. of Canada, Ltd.....	300	8,700.00	13,032.50
Montgomery Ward and Co.....	750	44,250.00	32,577.25
Pacific Telephone and Telegraph Co.....	10	1,000.00	1,000.00
Riggs National Bank.....	125	38,750.00	32,625.00
Standard Oil Co. of California.....	100	5,800.00	2,600.00
Standard Oil Co. of New Jersey.....	500	38,000.00	37,838.44
Underwood Corporation.....	300	15,600.00	20,940.19
Union Carbide and Carbon Corporation.....	300	31,800.00	25,122.50
		<u>265,100.00</u>	<u>248,924.57</u>
CASH.....		16,932.61	16,932.61
		<u>1,065,212.61</u>	

Scottish Rite Fund.....	1,000,000.00
Reserve for Protection of Scottish Rite Fund Investments.....	59,162.14
TOTALS.....	<u>1,059,162.14</u>

CURRENT OPERATING EXPENSE (Continued)

ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1947

SUMMARY OF ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY

Funds	Total Assets	Cash	INVESTMENTS					Trust Notes	Real Estate
			Total	Bonds	Stocks		Common		
					Preferred				
Consolidated.....	1,368,076.60	53,710.91	1,314,365.69	433,859.00	373,743.35	239,127.66	32,250.00	235,385.68	
Scottish Rite.....	1,059,162.14	16,932.61	1,042,229.53	588,528.00	204,776.96	248,924.57			
TOTAL—Exhibit A	2,427,238.74	70,643.52	2,356,595.22	1,022,387.00	578,520.31	488,052.23	32,250.00	235,385.68	

ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY OTHER TRUSTEES

August 31, 1947

FUNDS	TRUSTEES	
Andrews Scholarship Fund.....	American Security and Trust Co.....	5,115.00
Fry Professorship Fund.....	National Savings and Trust Co.....	99,429.07
Harvey Scholarship Fund.....	Washington Loan and Trust Co.....	5,031.97
Sanders Fellowship Fund.....	National Savings and Trust Co.....	213,138.45
Sharpe Medical School Fund..	National Savings and Trust Co.....	8,234.53
Spencer Scholarship Fund.....	Northern Trust Co., Chicago.....	7,434.20
TOTAL—EXHIBIT A.....		338,383.22

CURRENT OPERATING EXPENSE (Continued)

ASSETS OF PLANT FUNDS—UNEXPENDED

August 31, 1947

PAIRO FUND

	DESCRIPTION	C%	DUE	PAR	VALUE	
					MARKET	BOOK
BONDS	Morris and Essex Railroad Co.	3 1/2	2000	6,000	3,540.00	4,605.00
	Southern Pacific Co. (Oregon Lines)	4 1/2	1977	5,000	5,000.00	5,180.00
	United States of America	2 1/2	1964-69	500	520.00	505.00
	United States of America	2 1/2	9-1-53	700	666.40	700.00
	United States of America	2 1/2	2-1-54	500	476.00	500.00
	United States of America	2 1/2	11-1-56	300	286.80	300.00
					10,489.20	11,790.00

STOCKS—COMMON

	SHARES	
American Security and Trust Co.	20	5,700.00
Capital Transit Co.	200	4,600.00
Morgenthaler Linotype Co.	150	8,700.00
National Bank of Washington	100	19,000.00
National City Bank of New York	61	2,501.00
Pennroad Corporation	100	600.00
Riggs National Bank	52	16,120.00
		57,221.00
		87,849.25

TRUST NOTES RECEIVABLE

	C%	DUE
Hungerford, William C. and Lillian E.—Secured by tract in Germantown, Md.		
Due \$20 per month including interest	6	Monthly
Woodson, H. D.—Secured by lot 159, square 1026	5 1/2	10-7-37
		249.38
		1,028.50
		1,277.88

CASH	35,715.50	35,715.50
TOTALS	104,703.58	136,632.63

CURRENT OPERATING EXPENSE (Continued)

LAND AND BUILDINGS—INVESTED IN PLANT

For the Year Ended August 31, 1947

Building or Location	Subject to Trust Note Payable	Lot	Square	Year Acquired or Erected	Balance August 31, 1946	Additions	Balance August 31, 1947
Biological Sciences Building	A	45	102	1914-35	151,129.97		151,129.97
Corcoran Hall		43	102	1919-24	327,481.92		327,481.92
		5-13-15-17-19 24-28 800-801-802 823-828-829-830 832-833-834-836 838-839-842					
Field House Site		805 thru 821					
Gymnasium		825-826	56	1936-1946	238,660.00	12,973.03	251,633.03
Hall of Government		47-800-801	102	1924-25	58,331.44		58,331.44
Hospital (new) (deposit)		Entire square	79	1918-38	239,035.63		239,035.63
		(A-B-17-46-52 820 thru 827 829 thru 833 833	54	1945	100,000.00		100,000.00
Lisner Auditorium		815-816-817	79	1929-41	823,982.91		823,982.91
Lisner Hall		27-28-816-817	102	1912-39	372,230.19		372,230.19
Mechanical Laboratory		830-831	102	1923-30	57,583.87		57,583.87
Pharmacology Laboratory			79	1947	58,765.61	36,716.56	95,482.17
Physics Laboratory			79	1882-1932	995,706.34	26,075.12	26,075.12
School of Medicine and Hospital	B	43	250	1943	26,761.24		995,706.34
Shop, Stockroom		53	101				26,761.24
Social Sciences Building		24-25-28-29-30					
Sorority Hall—2129 G Street, NW		31-32-800-801	102	1922-36	269,279.60		269,279.60
Sorority Hall—2131 G Street, NW		805	79	1936	36,989.72		36,989.72
Sorority Hall—802 21st Street, NW		8	79	1935	25,500.00		25,500.00
Staughton Hall		35	77	1938	13,000.00		13,000.00
Stockton Hall	C	834-835	79	1941	51,600.00		51,600.00
		44	102	1920-25	279,325.93		279,325.93

G Street, NW—2003	2034	102	1936	11,700.00	11,700.00
	2026	103	1922	14,955.00	14,955.00
	2033	103	1929	15,074.96	15,074.96
	2106	102	1922	32,500.00	32,500.00
	2108	80	1937	19,000.00	19,000.00
	41	80	1946	1,000.00	30,500.00
	802	79	1938	55,646.21	55,646.21
	4-803	79	1938	60,000.00	60,000.00
	A	80	1946	20,500.00	20,500.00
	2116	80	1946	17,500.00	17,500.00
	2118	80	1946	10,146.50	10,146.50
	2121	79	1939	14,000.00	14,000.00
	2135	79	1943	13,000.00	13,000.00
				5,250.00	5,250.00
H Street, NW	2011	101	1943	14,000.00	14,000.00
	2014	102	1922	11,750.00	11,750.00
	2016	102	1929	31,066.71	31,066.71
	2018	102	1933	12,000.00	12,000.00
	2018½	102	1933	21,000.00	21,000.00
	2018½	102	1933	10,200.00	10,200.00
	2020-22	102	1928	11,000.00	11,000.00
	2024	102	1924	11,500.00	11,500.00
	2025	101	1945	23,500.00	23,500.00
	2026	102	1925	12,500.00	12,500.00
	2027	101	1941	12,431.25	12,431.25
	2029	101	1945	7,500.00	7,500.00
	2037	101	1940	1,500.00	1,500.00
	2113	77	1940	3,000.00	3,000.00
	2115	77	1944	6,650.00	6,650.00
	2115	77	1944	15,500.00	15,500.00
	2127	77	1946	401,500.00	401,500.00
	2142	79	1935	10,750.00	10,750.00
	2142½	79	1940	6,000.00	6,000.00
	2209	55	1945	17,000.00	17,000.00
	2213	55	1946		
	2215-19	55	1944		
	2223	55	1947		
	2300	42	1942		
	2311	41	1945		
	2323-25-29	41	1945		

CURRENT OPERATING EXPENSE (Continued)

LAND AND BUILDINGS—INVESTED IN PLANT (Continued)

For the Year Ended August 31, 1947

Building or Location	Subject to Trust or Note Payable	Lot	Square	Year Acquired or Erected	Balance August 31, 1946	Additions	Balance August 31, 1947
I Street, NW—2012		830	101	1945	25,000.00		25,000.00
" " 2014		829	101	1945	25,000.00		25,000.00
" " 2018		21	101	1946	50,000.00		50,000.00
" " 2038		840	101	1942	10,000.00		10,000.00
" " 2138		825	77	1945	5,000.00		5,000.00
2304 06-08-10-10 1/2-12		34-35-822 823-824	41	1945	72,250.00		72,250.00
Pennsylvania Avenue, NW—2100		800-801-840	75	1945	103,000.00		103,000.00
20th Street, NW—700		26	102	1931	17,500.00		17,500.00
" " 712		42	102	1929	14,240.00		14,240.00
" " 714		41	102	1930	14,500.00		14,500.00
" " 716		40	102	1929	13,500.00		13,500.00
" " 718		828-830	102	1929	20,000.00		20,000.00
21st Street, NW—604		23	80	1946		13,000.00	13,000.00
" " 606-608		21-22	80	1935	12,500.00		12,500.00
" " 713		807	102	1931	12,000.00		12,000.00
" " 714		46	79	1931	40,000.00		40,000.00
" " 715		808	102	1929	12,000.00		12,000.00
" " 716		830-831	79	1933	8,885.00		8,885.00
" " 718		829	79	1939	16,422.00		16,422.00
" " 810		31	77	1938	9,000.00		9,000.00
" " 814		840	77	1944	13,000.00		13,000.00

CURRENT OPERATING EXPENSE (Continued)

TRUST NOTES PAYABLE

August 31, 1947

SECURED BY LAND AND BUILDINGS	PAYEE AND DATE DUE	INTEREST	PRINCIPAL
A	WASHINGTON LOAN AND TRUST Co. Due December 14, 1947	4%	100,000.00
B	Due February 21, 1950	4%	100,000.00
C	AMERICAN SECURITY AND TRUST Co. Due December 17, 1948	4%	100,000.00
D	HANNAH SEAGUIST Due \$10,000 September 7, 1947; \$5,000 September 7, 1948	4%	15,000.00
E	EQUITABLE LIFE ASSURANCE SOCIETY Due \$7,875 each May 1 and November 1 including interest	4%	221,625.00
TOTAL—EXHIBIT A			536,625.00

EQUIPMENT—INVESTED IN PLANT

For the Year Ended August 31, 1947

	BALANCE AUGUST 31, 1946	ADDITIONS 1946-47	BALANCE AUGUST 31, 1947
Administration.....	71,534.00	34,772.79	106,306.79
Arts and Sciences.....	100,147.68	9,386.94	109,534.62
Duplicating Bureau.....	1,774.50		1,774.50
Gymnasium.....	2,927.37		2,927.37
Hospital—1339 H Street, N. W.....	45,512.82		45,512.82
Hospital—Washington Circle.....	12,056.84	113,669.25	125,726.09
Law School.....	1,759.63		1,759.63
Library Books.....			
Arts and Sciences.....	83,019.12	5,986.31	89,005.43
Law School.....	63,968.95	3,383.53	67,352.48
School of Medicine.....	16,105.44	1,057.10	17,162.54
School of Pharmacy.....	1,831.47		1,831.47
Lisner Auditorium.....	85,975.63	2,117.61	88,093.24
Lisner Hall.....	24,642.55	1,220.05	25,862.60
Mechanical Laboratory.....	40,035.97	4,478.60	44,514.57
Residence Hall—2025 H Street, N. W.....	2,992.84		2,992.84
School of Medicine.....	60,346.50	1,564.01	61,910.51
School of Pharmacy.....	6,486.03	270.71	6,756.74
Staughton Hall.....	10,464.16		10,464.16
Strong Hall.....	18,117.63		18,117.63
Student Club.....	7,730.08	5,137.35	12,867.43
	657,409.21	183,044.25	
TOTAL—EXHIBIT A.....			840,453.46

CURRENT OPERATING EXPENSE (Continued)

CURRENT FUNDS RESTRICTED—UNEXPENDED

For the Year Ended August 31, 1947

MISCELLANEOUS FUNDS

Funds	Balance August 31, 1946	Receipts	Disbursements	Balance August 31, 1947
SCHOLARSHIP AND FELLOWSHIP				
American Foundation—Pharmaceutical Educational Scholarships.....	600.00		Scholarships.....	250.00
Rowdon, Mrs. Edwin T.—Scholarship.....	5.00	245.00		250.00
Dorsey, Charles W.—Scholarship.....	1,008.00	280.00	To Schedule 12.....	1,000.00
Drs. Freeman and Watts—Fellowships.....	479.70	120.30	Fellowships.....	288.00
Kellong Medical Technology Scholarships.....	800.00			600.00
Transferred from Schedule 11.....		2,000.00	Scholarships.....	750.00
Pitts Foundation—Scholarships.....	1,600.00			349.00
United Airlines—Scholarships.....	6.00		To Misc. Income.....	1,251.00
PRIZE				
Delta Gamma Sorority.....		125.00	Prize.....	25.00
Kane, Howard Francis.....	8.63			100.00
Putnam, Lawrence E.....		100.00		8.63
LECTURE				
Doney, Harryman—Public Law Lectures.....	503.13	1,000.00		100.00
Howard, Frank—Industrial Research Lectures.....	5,503.54		Lectures.....	190.69
SCHOOL OF MEDICINE				
Dr. Brian Blades—Research in Surgery.....		150.00		1,503.13
Washington Academy of Sciences—Equipment.....		429.00		5,112.65
				150.00
				429.00

HOSPITAL					
Amity Relief Club.....	17.98	To Hospital.....	17.98		285.00
Blood Plasma Bank Deposits	424.43	"	139.43		488.72
Cancer Clinic.....	547.07	"	58.35		
OTHER					
Administrative Reserve.....	3.18				3.18
Key Deposits.....	357.75	Refunds.....	299.50		324.50
University Press—"The Supreme Court"	82.94				82.94
TOTALS—EXHIBIT C.....	11,747.15		3,935.95		12,526.75

AGENCY FUNDS

Funds	Balance August 31, 1946	Deposits	Withdrawals	Balance August 31, 1947
Engineers' Club Room Fund.....	199.93			199.93
Engineers' Library Fund.....	45.00			
Federal Public Housing Authority				
Rent, Veterans Housing.....	3,726.37			
G. W. U. Flower Fund.....	37.17			
Homecoming Celebration.....	144.82			
Office of Scientific Research and Development				
Pinto, West Virginia—Bus Fares.....	5,613.95			
" " Safety Shoes.....	1,373.18			
Swisher History Club.....	120.75			
TOTALS—EXHIBIT C.....	11,261.17	37,698.51	48,094.89	864.79

CURRENT OPERATING EXPENSE (Continued)

CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)

For the Year Ended August 31, 1947

ORGANIZED RESEARCH FUNDS

Funds	Balance August 31, 1946	Receipts	Disbursements			Total Surpluses 1 and 2	Balance August 31, 1947
			Salaries	Other Expense			
DEPARTMENT OF CHEMISTRY—Lederle Laboratories	75.59			75.59		75.59	
SCHOOL OF MEDICINE							
American Medical Association	2,820.27	350.00		99.67		99.67	250.33
Baxter Laboratories	3,376.76	6,000.00	3,900.00	73.78		3,973.78	4,847.09
Bilbacher-Knapp Corporation	1,355.75			286.26		286.26	
Cardiology Fund	5,545.35		400.00	62.16		462.16	893.62
Cordia Cummings Fund	223.09	1,200.00					6,745.38
Helen F. Hutchins Fund		1,395.25		568.93		568.93	1,049.41
Institute for Study of Anesthetic and Sedative Drugs		4,825.00	1,905.00	2,174.19		4,079.19	1,745.81
International Cellulose Products		2,500.00	200.00			200.00	2,300.00
Johnson and Johnson	1,310.00	10,000.00	9,175.63	1,691.27		10,866.90	1,310.00
Lederle Laboratories	9,479.67			44.52		44.52	9,112.77
Milbank Memorial Fund	245.78			208.32		208.32	201.26
Mothers' Health Clinic	476.55	387.15		44.52		44.52	655.38
Nutrition Foundation		3,600.00	400.00	190.20		590.20	3,009.80
United States Army—W-49 (007) MD-369		11,524.61	4,787.36	6,737.25		11,524.61	
United States Army—W-49 (007) MD-370		11,754.25	6,240.00	5,514.25		11,754.25	
United States Navy—N700-419		9,353.31	4,994.50	4,358.81		9,353.31	
United States Public Health Service—200	11,544.25	480.00	480.00			480.00	1,298.40
" " " " " "	700.00	700.00	7,442.05	3,503.80		10,945.85	1,633.22
" " " " " "	2,100.00	337.00	1,185.25	668.53		1,853.78	682.74
" " " " " "	2,220.00		900.00	637.26		1,337.26	8,924.44
" " " " " "		10,000.00	970.00	108.56		1,078.56	3,158.56
" " " " " "		4,016.00	800.00	57.44		857.44	
" " " " " "		3,939.00		3,939.00		3,939.00	
Winthrop Chemical Co.	624.01	3,583.00		823.19		1,823.19	3,583.00
		1,200.00	1,000.00				.82

SCHOOL OF PHARMACY					
Allied Chemical and Dye Corporation	950.12	3,000.00	2,611.08	336.71	2,947.79
American Cyanamid and Chemical Corporation	1,154.20		687.53	59.26	746.79
Centaur Cos. Chattanooga Medicine Co.	429.68		231.34	196.34	429.68
Certified Products, Inc.	244.07			244.07	244.07
E. I. duPont de Nemours and Co.	3,649.30		1,312.44	795.82	2,108.26
Proprietary Association	590.00	4,500.00	3,516.63	716.61	4,233.24
White Laboratories	51.60			51.60	51.60
OTHER					
United States Army—W-44 109-am-11145		54,874.83	39,783.27	15,091.56	54,874.83
W-18-015-cwa-1138		30,339.54	24,158.22	6,241.32	30,339.54
United States Navy—NOp-402		30,338.79	24,233.00	6,105.79	30,338.79
Nord-9951		8,317.43	4,492.20	3,825.23	8,317.43
Office of Scientific Research and Development—(OEMar-273		26,989.84	5,011.38	21,978.46	26,989.84
TOTALS—EXHIBIT C	45,876.20	215,615.00	126,820.88	81,460.75	208,281.63
					51,209.57

CURRENT OPERATING EXPENSE (Continued)

CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)

For the Year Ended August 31, 1947

INCOME OF ENDOWMENT AND PLANT FUNDS

Funds	Balance August 31, 1946	Net Income for Year	Disposition		Balance August 31, 1947
			Current Operations	Added to Principal	
ENDOWMENT FUNDS (Schedule 12)					
UNRESTRICTED					
Adler		10.84	10.84		
Almon		21.00	21.00		
Campaign		6,748.19	7,748.19		
Carroll	1,000.00	7,953.16	7,953.16		
Davis		1,221.36	1,221.36		
Haggett		36.14	36.14		
King		694.35	694.35		
Reichelderfer		542.03	542.03		
Sanders		76.24	76.24		
Subscription Gifts		452.61	452.61		
Syms		54.20	54.20		
Trustees		55.07	55.07		
Withers		971.72	971.72		
Woodhull		1,734.48	1,734.48		
			21,573.39		
SCHEDULE 1.					
RESTRICTED					
Fellowship	31,385.99	1,425.79	1,425.79		32,811.78
King	4,264.03	6,932.00	6,932.00		20,36
Sanders			11,175.67		226.67
Professorship			29.97		
Carroll	208.60	18.07			
Almon		5,734.95	5,734.95		
Congressional		6,031.05	6,000.00	31.05	
Depew		524.28	524.25		
Flynn		4,620.73			
Fry Funds		4,620.73		4,620.73	
Yulee	3,131.80	180.68			3,312.48
School					
Government					
Scottish Rite			37,387.72		

131.71
5,673.77

Medical	106.49	106.49	106.49
Borden.....	98.95	98.95	98.95
Collins.....	361.35	361.35	361.35
Cooper.....	162.12	162.12	162.12
Gardner.....	1,517.10	1,517.10	1,517.10
Irwin.....	240.69	240.69	240.69
School of Medicine	212.00	212.00	212.00
Sharpe.....	361.35	361.35	361.35
Pharmacy.....	63,345.82	63,345.82	63,345.82
Gibbs.....	44.30	44.30	44.30
	43.36	43.36	43.36
	90.34	90.34	90.34
	111.00	111.00	111.00
	38.17	38.17	38.17
	18.07	18.07	18.07
	18.07	18.07	18.07
	361.35	361.35	361.35
	361.35	361.35	361.35
	1,047.84	1,047.84	1,047.84
	36.14	36.14	36.14

44.30	36.14	30.00	88.10
43.36	108.40	90.00	104.73
90.34	36.14	30.00	52.23
111.00	36.14	35.00	66.79
38.17	25.29		217.75
18.07	43.36	30.00	54.96
18.07	36.14	40.00	284.94
361.35	199.43	140.00	395.31
361.35	36.14	40.00	126.65
1,047.84	28.91	18.50	39.11
36.14	180.68	70.00	429.21
	18.07		76.13
	18.07		106.13
	10.84	38.02	48.66
	36.14	30.00	182.27
	36.14	30.00	247.14
	180.68	150.00	523.79
	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36.14	30.00	52.23
162.12	36.14	35.00	66.79
1,517.10	25.29		217.75
240.69	43.36	30.00	54.96
212.00	36.14	40.00	284.94
361.35	199.43	140.00	395.31
63,345.82	36.14	40.00	126.65
44.30	28.91	18.50	39.11
43.36	180.68	70.00	429.21
90.34	18.07		76.13
111.00	18.07		106.13
38.17	10.84	38.02	48.66
18.07	36.14	30.00	182.27
18.07	36.14	30.00	247.14
361.35	180.68	150.00	523.79
361.35	771.52		

5,312.42	82.16		
5,312.42	86.33		
	46.09		
	65.65		
	192.46		
	41.60		
	288.80		
	335.88		
	130.51		
	28.70		
	309.53		
	58.06		
	88.06		
	175.84		
	176.13		
	241.00		
	493.11		

106.49	36.14	30.00	88.10
98.95	108.40	90.00	104.73
361.35	36		

CURRENT OPERATING EXPENSE (Continued)

CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)

For the Year Ended August 31, 1947

INCOME OF ENDOWMENT AND PLANT FUNDS (Continued)

FUNDS	Balance August 31, 1946	Net Income for Year	Disposition		Balance August 31, 1947
			Current Operations	Added to Principal	
ENDOWMENT FUNDS (Continued)					
RESTRICTED (Continued)					
Scholarship					
Andrews	447.33	143.35	300.00		290.68
Bartsch	380.56	496.86			877.42
Carr	6,192.56	1,736.49	1,208.00		6,741.05
Carter, H. H.	880.65	180.68			1,061.33
Carter, M. M.	176.13	36.14			1,212.27
Columbian Women Funds					
Brown	42.22	43.36	42.22		43.36
Chamberlin	80.92	83.12	80.92		83.12
College Women's	17.59	18.07	17.59		18.07
Founders of Columbian Women	175.91	180.68	175.91		180.68
Herron	175.91	180.68	175.91		180.68
Knapp	175.91	180.68	175.91		180.68
Wilson	35.18	36.14	35.18		36.14
Davis	91.31	36.14	30.00		97.45
Dorsey		12.03			12.03
Farnham	116.13	16.14			152.27
Harvey	291.08	118.74	200.00		209.82
Kendall	201.30	215.35	178.00		238.65
Morehouse	264.21	54.20			318.41
Pearson	169.68	102.62			263.30
Powell	4,134.05	1,806.75			5,940.80
Shepard	85.14	361.35			446.49
Spencer	672.49	129.00	240.00		561.49
Stone	263.65	73.28			335.93
Swisher	1,322.59	272.08			1,594.67
Walker	440.34	90.34			530.68
Withington	218.72	70.58	60.00		229.30
Woodhull	81.89	21.68			103.57
SCHOLARSHIPS AWARDED (included in "Student Fees", Schedule I)			2,919.64		

CURRENT OPERATING EXPENSE (Continued)

CHANGES IN PRINCIPAL OF LOAN FUNDS

For the Year Ended August 31, 1947

FUNDS	Balance August 31, 1946	Increases			Decreases		Balance August 31, 1947
		Income of D.C.—D.A.R. Endowment Fund	Gifts	Interest on Loans	Transferred to Schedule 10	Refunded to U. S. Government	
D. C.—D. A. R. Loan Fund.....	2,294.57	180.68					2,475.25
George Washington Law Association Loan Fund.....	768.00						768.00
Home Economics Loan Fund.....	244.35		63.00				307.35
Kellogg Medical School Loan Fund.....	15,275.52			107.41			15,382.93
Kellogg Medical Technology Loan Fund.....	2,000.00				2,000.00		
Mariposa Loan Fund.....	250.00						250.00
Student Loan Fund.....	8,060.24			15.26			8,075.50
Sutherland Medical School Loan Fund.....	1,175.00		25.00				1,200.00
War Loan Fund.....	13,788.77					1,244.44	12,544.33
TOTALS—EXHIBIT D.....	43,856.45	180.68	88.00	122.67	2,000.00	1,244.44	41,003.36

CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS

For the Year Ended August 31, 1947

FUNDS	Balance August 31, 1946	Increases				Balance August 31, 1947
		Gifts	Investment Income	Gain on Sale of Investments	Transferred from Schedule 10	
UNRESTRICTED						
Acker	300 00					300 00
Alumni	581 20					581 20
Campaign	186,749 38					186,749 38
Cokeran	220,155 76					220,155 76
Davis		41,570 40				41,570 40
Haggett	1,000 00					1,000 00
King	19,215 50					19,215 50
Reichelderfer	15,000 00					15,000 00
Sanders	2,110 00					2,110 00
Subscription Gifts	12,525 56					12,525 56
Syms	1,300 00					1,300 00
Trustees	1,324 06					1,324 06
Withers	26,891 46					26,891 46
Woodhull		50,000 00				50,000 00
	39,457 56					39,457 56
	212,788 31			350 14		213,138 45
RESTRICTED						
FELLOWSHIP						
King						
Sanders						
PROFESSORSHIP						
Alumni	829 49					829 49
Carroll	500 00					500 00
Congressional	158,709 04					158,709 04
Depew	166,904 36		31 05			166,934 41
Elton	14,508 19					14,508 19
Fry (University controlled)	8,717 70		4,620 73			13,338 43
Fry (Other Trustee controlled)	98,405 62			1,023 45		99,429 07
Yulee	5,000 00					5,000 00

CURRENT OPERATING EXPENSE (Continued)

CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS (Continued)

For the Year Ended August 31, 1947

Funds	Balance August 31, 1946	Increases			Balance August 31, 1947
		Gifts	Investment Income	Gain on Sale of Investments	
RESTRICTED (Continued)					
School					
Government					
Scottish Rite	1,000,000.00				1,000,000.00
Medical					
Borden	2,947.11				3,053.60
Collins	2,482.00				2,828.00
Cooper	10,000.00				10,000.00
Gardner	4,486.55	346.00	106.49		4,886.55
Lewis	32,298.60				32,298.60
School of Medicine Fund	6,628.00	608.00			7,236.00
Sharpe	8,234.53				8,234.53
Pharmacy					
Gibbs	10,000.00				10,000.00

CURRENT OPERATING EXPENSE (Continued)

CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS (Continued)
For the Year Ended August 31, 1947

Funds	Balance August 31, 1946	Increases			Balance August 31, 1947
		Gifts	Investment Income	Gain on Sale of Investments	
RESTRICTED (Continued)					
SCHOLARSHIP					
Andrews.....	5,000.00	.....	.....	.....	5,115.00
Bartuch.....	10,350.00	4,997.50	.....	115.00	15,447.50
Carr.....	48,608.91	.....	.....	.....	48,608.91
Carter, H. H.....	5,000.00	.....	.....	.....	5,000.00
Carter, M. M.....	1,000.00	.....	.....	.....	1,000.00
Columbian Women Scholarship Funds					
Brown.....	1,200.00	.....	.....	.....	1,200.00
Chamberlin.....	2,300.00	.....	.....	.....	2,300.00
College Women's.....	500.00	.....	.....	.....	500.00
Founders of Columbian Women.....	5,000.00	.....	.....	.....	5,000.00
Herron.....	5,000.00	.....	.....	.....	5,000.00
Knapp.....	5,000.00	.....	.....	.....	5,000.00
Wilson.....	1,000.00	.....	.....	.....	1,000.00
Davis.....	1,000.00	.....	.....	.....	1,000.00
Dorsey.....	1,000.00	.....	.....	.....	1,000.00
Farnham.....	1,000.00	.....	.....	1,000.00	1,000.00
Harvey.....	5,031.97	.....	.....	.....	5,031.97
Kendall.....	5,959.61	.....	.....	.....	5,959.61
Mortchouse.....	1,500.00	.....	.....	.....	1,500.00
Pearson.....	1,839.80	.....	.....	.....	2,839.80
Powell.....	50,000.00	.....	.....	.....	50,000.00
Shepard.....	10,000.00	.....	.....	.....	10,000.00
Stoner.....	7,434.20	.....	.....	.....	7,434.20
Swisher.....	1,000.00	.....	.....	.....	2,000.00
Walker.....	1,529.55	.....	.....	.....	7,529.55
Withington.....	2,300.00	.....	.....	.....	2,300.00
Woodhull.....	1,953.13	.....	.....	.....	1,953.13
	600.00	.....	.....	.....	600.00

LIBRARY									
Howard.....	5,000 00								5,000 00
Meyer.....	1,000 00								1,000 00
Noyes.....	10,000 00								10,000 00
Swisher.....	2,000 00								2,000 00
MISCELLANEOUS									
D. C.—D. A. R.....	5,000 00								5,000 00
Graduate.....	12,045 57	371 00							12,416 57
	2,545,394.56	107,892.90	4,796.44	1,488.59	1,000.00				2,660,572.49
RESERVES FOR PROTECTION OF INVESTMENTS									
Consolidated Endowment Funds.....	39,391 99		5,201 36	1,293 98					45,887 33
Scottish Rite Fund.....	57,515 00			1,647 14					59,162 14
	2,642,301.55	107,892.90	9,997.80	4,429.71	1,000.00				2,765,621.96
TOTALS—EXHIBIT E									

CHANGES IN PRINCIPAL OF PLANT FUNDS—UNEXPENDED
For the Year Ended August 31, 1947

Funds	Balance August 31, 1946	Increases			Decreases	Balance August 31, 1947
		Gifts	Investment Income	Other		
PLANT ADDITIONS						
Class of 1929 Women's Unit No. 3 Fund.....	381.45		10.19			391.64
Field House Fund.....	165.82		4.43			170.25
General Building Fund.....	331.92		8.86			340.78
George Washington Memorial Fund Auditorium equipment purchased.....	9,678.56		300.00		2,117.61	7,860.95
Hospital Equipment Fund (Washington Circle) Transferred from Law School Expansion Fund Transferred from School of Medicine Building Fund Hospital equipment purchased.....	155,802.58	549,104.59	437.50	*1,000.00 15,000.00	113,669.25	597,675.42
Law School Expansion Fund Transferred to Hospital Equipment Fund.....	4,800.66	1,050.00	128.89		*1,000.00	4,979.55
Library Book Funds						
Butler, Henry F.....	50.00					50.00
Bruck, Mabel C.....		75.00				75.00
Class of 1945.....	58.75					58.75
Council of Religious Organizations.....	503.21					503.21
Davis, Harry C.....	25.00					25.00
Engineers' (Students) transferred from Schedule 10. Hellenic Society.....	205.00	20.00		45.00		45.00
Lincoln Arc Welding Foundation Books purchased.....	9.77					225.00
Mortar Board.....	30.00				2.75	7.02
Boots purchased, 1945-46—Exhibit B. Murdoch, Mrs. James O.....		100.00			30.00	
Boots purchased.....		5,000.00			76.20	23.80
Noyes, Theodore W.....						5,000.00

Ohio Section of the G. W. Memorial Association.....	1,487.70					1,527.44
Paid Fund.....	155,708.66					
Purchase of 716 22nd Street, N. W.....					12,973.03	136,632.63
Loss on sale of investment.....					6,103.00	
School of Engineering Building Fund.....		22,772.63				23,177.78
School of Medicine Building Fund.....	5,523.57					
Transferred to Hospital Equipment Fund.....					45,000.00	584.34
Schwab Fund.....	2,721.74					2,794.44
Student Union Furnishings Fund.....	1,685.19					1,730.21
Women's Activities Building Fund.....	4,209.74	68.75				4,391.49
	343,379.32	578,190.97		1,626.25	6,045.00	788,269.70
RESERVE FOR PROTECTION OF INVESTMENTS						
Net loss on sale of investments.....	3,967.43				451.41	3,516.02
TOTALS—EXHIBIT F.....	347,346.75	578,190.97		1,626.25	6,045.00	791,785.72

CURRENT OPERATING EXPENSE (Continued)

GIFTS AND GRANTS—PURPOSE AND DONOR

For the Year Ended August 31, 1947

CURRENT FUNDS

EDUCATIONAL AND GENERAL
UNRESTRICTED—SCHEDULE 1

Estate of Susan Whitney Dimock
The Reverend Enoch Thompson

7,065.81
4.70

7,070.51

RESTRICTED—SCHEDULE 1

Alumni Office Expense—General Alumni Office
Salaries, Botany—National Academy of Sciences

100.00
3,000.00

RESTRICTED—SCHEDULE 10

Fellowships—Dr. Freeman and Watts
Scholarships—Mrs. Edwin T. Bowdon

120.30
245.00

Prizes—Delta Gamma Sorority
Putnam, Lawrence E.

280.00
125.00

Lectures—Harryman Dorsey
School of Medicine—Dr. Brian Blades

1,000.00
150.00

Organized Research—Various donors
Washington Academy of Sciences

429.00
215,615.00

218,064.30 221,164.30

ACTIVITIES RELATING TO INSTRUCTION—SCHEDULE 1

Hospital—Estate of Mary C. Foster
Post-Graduate Medical Education—W. K. Kellogg Foundation

862.50
16,210.00

17,072.50

NON-EDUCATIONAL

Prizes—Schedules 1 and 2

Alpha Delta Pi Sorority
Chi Omega Sorority

10.00
25.00

Delta Zeta Sorority
Kappa Kappa Gamma Sorority

15.00
10.00

Pi Beta Phi Sorority
Pi Lambda Theta Sorority

10.00
20.00

Sigma Kappa Sorority
von Briesen, Mrs. Fritz

25.00
10.00

150.00

Prizes—Schedule 3

United Daughters of the Confederacy

25.00

175.00

245,482.31

LOAN FUNDS (Schedule 11)

Home Economics Loan Fund—D. C. Home Economics Association.....	63.00	88.00
Sutherland Medical School Loan Fund—William A. Sawyer.....	25.00	

ENDOWMENT FUNDS (Schedule 12)

UNRESTRICTED			
Davis Fund—Bequest of Harry C. Davis.....	41,570.40		
Woodhull Fund—Bequest of Margaret Willett Woodhull.....	50,000.00		
		91,570.40	
RESTRICTED			
SCHOOL OF MEDICINE			
Collins Fund—Leo G. Hesler.....	100.00		
" " Mrs. C. H. Dixon.....	100.00		
" " Dr. Walter A. Bloedorn.....	25.00		
" " Dr. Paul F. Dickens.....	25.00		
" " Leon Cherner.....	25.00		
" " Klonan Instrument Co.....	25.00		
" " various donors.....	46.00		
		346.00	
School of Medicine Fund—Dr. Serach T. Kimble, Jr.....	200.00		
" " Dr. Oscar Sugar.....	148.00		
" " Dr. L. M. Andrus.....	100.00		
" " Dr. Lester Lando.....	100.00		
" " Dr. Thomas F. Stone.....	50.00		
" " Dr. Bernhard Kaufman.....	10.00		
		608.00	
SCHOLARSHIP—Bartsch Fund—Dr. Anna Bartsch-Dunne.....	954.00		
	4,997.50		
LIBRARY—Noyes Fund—Bequest of Theodore W. Noyes.....	10,000.00		
MISCELLANEOUS			
Graduate Fund—Helen Connolly.....	90.00		
" " Dr. Robert H. Harmon.....	50.00		
" " Dr. William Schneider.....	50.00		
" " Mrs. Russell LeGear.....	30.00		
" " Irvin Feldman.....	30.00		
" " Dr. William S. Miller.....	25.00		
" " Ellis B. Miller.....	20.00		
" " various donors.....	76.00		
	371.00	16,322.50	107,892.90

CURRENT OPERATING EXPENSE (Continued)

GIFTS AND GRANTS—PURPOSE AND DONOR (Continued)

For the Year Ended August 31, 1947

PLANT FUNDS—UNEXPENDED (Schedule 13)

PLANT ADDITIONS

Hospital Equipment Fund—various donors. 549,104.59

Law School Expansion Fund—Harryman Dorsey. 1,000.00
 " " Robert D. Armstrong. 50.00
 1,050.00

Library Books—Mabel C. Brock. 75.00
 " " Hellenic Society. 20.00
 " " Mrs. James O. Murdock. 100.00
 " " Bequest of Theodore W. Noyes. 5,000.00
 5,195.00

School of Engineering Building Fund—Mr. and Mrs. Charles H. Tompkins. 22,772.63

Women's Activities Building Fund—Columbian Women. 25.00
 " " Chi Omega. 25.00
 " " Pi Lambda Theta. 18.75
 68.75 578,190.97

TOTAL GIFTS AND GRANTS. 931,654.18

DESCRIPTION OF LOAN FUNDS

August 31, 1947

DISTRICT OF COLUMBIA D. A. R. LOAN FUND	
Created in 1938 from income of the D. C.—D. A. R. Endowment Fund. To be loaned to descendants of patriots of the American Revolution.....	2,475.25
GEORGE WASHINGTON LAW ASSOCIATION LOAN FUND	
Created in 1941 by gift of the George Washington Law Association to be loaned to students of the Law School.....	768.00
HOME ECONOMICS LOAN FUND	
Created in 1940 by the D. C. Home Economics Association to be loaned to senior girls majoring in Home Economics..	307.35
KELLOGG LOAN FUND	
Created in 1942 by gift of the W. K. Kellogg Foundation to be loaned to students of the School of Medicine.....	15,382.93
MARIPAN LOAN FUND	
Gift of veterans of Saipan in 1945, to be loaned to veterans.....	250.00
STUDENT LOAN FUND	
Created by the University to make short time loans for educational purposes.....	8,075.50
SUTHERLAND LOAN FUND	
Created in 1941 by gift of Rose L. Sutherland and other donors, to be loaned to students of the School of Medicine..	1,200.00
WAR LOAN FUND	
Created in 1942 by the United States Government to be loaned to students in technical and professional fields of National Defense.....	12,544.33

DESCRIPTION OF ENDOWMENT FUNDS

August 31, 1947

UNRESTRICTED FUNDS

ACKER FUND		
Bequest of George N. Acker, M. D., received in 1924, the income only to be used.		300.00
ALUMNI ENDOWMENT FUND		
Created by the Class of 1920, to be added to by succeeding graduating classes, the income only to be used.		581.20
CAMPAIGN FUND		
Created in 1923-24 by gifts of various donors, the income only to be used.		186,749.38
CORCORAN FUND		
Gift of William W. Corcoran of \$112,000, and gifts of other donors between the years 1871-86, the income only to be used.		220,155.76
DAVIS FUND		
Bequest of Harry C. Davis, received in 1946, the income only to be used.		41,570.40
HAGGETT FUND		
Created in 1941 by gift of Isabelle Barnes Haggatt, the income only to be used.		1,000.00
KING, W. B., FUND		
Gift of William B. King, received in 1941 and 1942, the income only to be used.		19,215.50

REICHELDERFER FUND Gift of Mary M. Reichelderfer in 1945, in memory of her husband, Luther H. Reichelderfer, the income only to be used.....	15,000.00
SANDERS ENDOWMENT FUND Gift of J. Sanders in 1945, the income only to be used.....	2,110.00
SUBSCRIPTION GIFTS FUND Gifts of various donors during the years 1845-51, the income only to be used. (Formerly called the Poindexter Endowment Fund).....	12,525.56
SYMS FUND Bequest of Samuel Syms in 1891, the income only to be used.....	1,500.00
TRUSTEES FUND Created by the Board of Trustees' of the University in 1932, the income only to be used.....	1,524.06
WITHERS FUND Gift of John Withers of \$16,000, and gifts of various donors during the years 1851-70, the income only to be used. (Formerly called the Forty Thousand Dollar Endowment Fund).....	26,891.46
WOODHULL FUND Bequest of Margaret Willett Woodhull, received in 1946, the income only to be used.....	50,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1947

FELLOWSHIP FUND

KING FELLOWSHIP FUND	
Bequest of Isabella Osborn King, received in 1928, the income to be used for a fellowship in biology.....	39,457.56
SANDERS FELLOWSHIP FUND	
Bequest of Addie Sanders in 1928 in memory of her brother, Thomas Bradford Sanders, the income to be used for annual fellowships in various academic fields of study.....	213,138.45

PROFESSORSHIP FUNDS

ALUMNI PROFESSORSHIP FUND	
Gifts of various alumni since 1911, the income to be used for an alumni professorship in mathematics.....	829.40
CARROLL PROFESSORSHIP FUND	
Created by Mary A. Sharpe in 1928, in memory of Mitchell Carroll, the income to be used for a chair in Archeology.....	500.00
CONGRESSIONAL PROFESSORSHIP FUND	
Gifts of the United States in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold, the proceeds invested, and the income to be used for professorships.....	158,709.04
DEPEW COURSE IN PUBLIC SPEAKING FUND	
Created by May Depew in 1936, the income to be used for a course to be known as the "Chauncey M. Depew Course in Public Speaking".....	166,934.41
ELTON PROFESSORSHIP FUND	
Bequest of Romeo Elton of Exeter, England, in 1872, the income to be used for a professorship to be called the "Elton Professorship of Mental and Moral Philosophy".....	14,508.19
FRY PROFESSORSHIP FUNDS	
Bequest of Annabel Lee Fry, received in 1945, in memory of her husband, Dr. Henry D. Fry, the income to be used for a professorship in physiology.....	99,429.07
Created in 1945 from income of the fund, the income of the two funds to be used for a professorship in physiology.....	13,358.43
YULEE ENDOWMENT FUND	
Bequest of Nannie Yulee Noble in memory of her mother, Nancy Yulee, in 1929, the income to be used for lectures in home economics.....	5,000.00

SCHOOL FUNDS

GOVERNMENT

SCOTTISH RITE ENDOWMENT FUND

Created by indenture in 1928, by the Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry of the Southern Jurisdiction of the United States of America, as a permanent memorial to George Washington, The Mason. To be invested and the income used to maintain a School or Department of Government. . . . 1,000,000.00

MEDICAL

BORDEN MEDICAL FUND

Created in 1932 by William Cline Borden, M. D., and Jennie Filla Borden, the income to be applied to lectureships to be known as the "William Cline Borden Lectures on Surgery or Medical Science" 3,053.60

COLLINS MEDICAL RESEARCH FUND

Created in 1946 by gifts of various donors in memory of Dr. James Lloyd Collins, the income to be used for special research in surgery 2,828.00

COOPER MEDICAL RESEARCH FUND

Request of Eleanor J. Cooper in 1905, on certain terms since modified by the Supreme Court of D. C. as follows: the income to be used toward the establishment and maintenance, in connection with the Medical Department of the University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases 10,000.00

GARDNER MEDICAL SCHOOL FUND

Bequest of William D. Gardner, received in 1928, the income to be used for the School of Medicine 4,486.55

LEWIS MEDICAL SCHOOL FUND

Bequest of Samuel E. Lewis, received in 1925, the income to be used for the School of Medicine 32,298.60

SCHOOL OF MEDICINE ENDOWMENT FUND

Created in 1940 by the gifts of various donors, the income to be used for the School of Medicine 7,236.00

SHARPE MEDICAL SCHOOL FUND

Created by gifts of Mary A., Elizabeth M., and Sallie Sharpe in 1924, the income to be used for the School of Medicine 8,234.53

PHARMACY

GIBBS PHARMACY FUND

Gift of M. G. Gibbs in 1927, the income to be used to aid in establishing and maintaining a commercial pharmacy course in connection with the School of Pharmacy 10,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1947

HOSPITAL FUNDS

CHAPMAN HOSPITAL FUND Bequest of Mrs. Susanna A. Chapman in 1911, the income to be used for the purposes of the free wards of the University Hospital	1,225.90
GENERAL HOSPITAL ENDOWMENT FUND Created in 1929 by gifts of various donors, the income to be used for the benefit of the University Hospital	1,200.00
HOUSER HOSPITAL FUND Bequest of E. Keller Houser, received in 1944, the income to be used to endow a room in memory of his daughter, Anna Victoria Houser	2,500.00
KIMMEL HOSPITAL FUND Bequest of Annie Kimmel, received in 1932, the income to be used for the benefit of the University Hospital	3,071.70
KUHLBANK HOSPITAL FUND Bequest of Freda Kuhlbank, received in 1930, the income to be added to the principal until the principal shall be large enough to maintain a bed in the White Ward of the Hospital to be known as the "Freda Kuhlbank Bed"	1,094.41
NATIONAL PARK SEMINARY HOSPITAL FUND Gift of students of National Park Seminary of Forest Glen, Maryland, in 1906, the income to be used toward the maintenance of a bed in the University Hospital	500.00
REINHARDT HOSPITAL FUND Bequest of Luisa Wynne Reinhardt in 1922, the income to be used for the University Hospital	500.00
TREE HOSPITAL FUND Bequest of Lambert M. Tree in 1911, in memory of his mother, Mrs. Laura M. Tree, the income to be used to maintain one or more beds in the University Hospital, to be known as the "Laura M. Tree Bed or Beds"	10,000.00
WOMEN'S BOARD HOSPITAL FUND Gift of the Women's Board of The George Washington University Hospital in 1925, the income to be used by the Women's Board for the benefit of the University Hospital	1,000.00
WOODBURY HOSPITAL FUND Bequest of Ellen DeQ. Woodbury in 1909, the income to be used for the reception and treatment of female patients in the University Hospital	10,000.00

PRIZE FUNDS

BURNS MEMORIAL AWARD FUND

Gift of Persia Burns in 1937 in memory of her son, Byrne Thurtell Burns, the income to be used for an annual award in chemistry.

1,000.00

COWLES PRIZE FUND

Created in 1943 by John Henry Cowles, the income to be used for annual awards in the School of Government.

3,000.00

CROISSANT PRIZE FUND

Bequest of DeWitt Clinton Croissant, received in 1941, the income to be used to award an annual prize for excellence in dramatics or dramatic studies.

1,000.00

CUTLER PRIZE FUND

Gift of Marion Kendall Cutler in 1902, in memory of E. K. Cutler, the income to be used for an annual award for excellence in the study of English.

1,000.00

DAVIS PRIZE FUND

Gift of Isaac Davis in 1847, the income to be used for annual awards to members of the senior class who have made the greatest progress in elocution since their connection with the University.

700.00

EVANS MEMORIAL AWARD FUND

Created in 1937 by gifts of friends of Joshua Evans III, the income to be used to establish a prize, as a memorial to an "outstanding life," to be awarded annually "to that man in the graduating class who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows".

1,200.00

FITCH PRIZE AWARD

Gift of James E. Fitch in 1883 in memory of Willie E. Fitch, the income to be used for an annual award to a senior student for the best general examination in chemistry.

1,000.00

GODDARD PRIZE FUND

Gifts of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, in 1923, in memory of Morgan Richardson Goddard, Edward Carrington Goddard, and James Douglas Goddard; added to in 1941 by a gift of Frederick J. Goddard in memory of Alice Douglas Goddard. The income shall be used to award four cash prizes annually to the students making the highest averages in commerce, French language and literature, pharmacy, and American literature, respectively.

5,519.00

HUBBARD PRIZE FUND

Gift of Gertrude M. Hubbard in 1907, in memory of her husband, Gardiner G. Hubbard, the income to be used for an annual award for excellence in American history.

1,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1947

PRIZE FUNDS (Continued)

LARNER PRIZE FUND	
Bequest of John B. Lerner in 1933, the income to be used for an annual award in the Law School.....	800.00
ORDRONAUX PRIZE FUND	
Bequest of John Ordronaux in 1909, the income to be used for annual awards in the Law and Medical schools.....	5,000.00
RUGGLES PRIZE FUND	
Gift of William Ruggles in 1859, the income to be used for an annual award for excellence in mathematics.....	500.00
STAUGHTON-ELTON PRIZE FUND	
Created by gift of Romeo Elton of Exeter, England, in 1860, the income to be used for annual awards for excellence in the Latin and Greek languages, one to be called the Staughton Prize in Latin, the other the Elton Prize in Greek..	500.00
STERRETT PRIZE FUND	
Gift of the Reverend J. MacBride Sterrett, in 1911, in memory of his son, J. MacBride Sterrett, Jr., the income to be used for a gold medal to be awarded annually to the student obtaining the highest average in general physics.....	300.00
SWISHER PRIZE FUND	
Gift of Charles Clinton Swisher in 1941, the income to be applied yearly to enlarging the sum set apart for the Historical Prize established in his name by the Historical Club, December 7, 1936.....	1,000.00
WALSH PRIZE FUND	
Gift of Thomas F. Walsh in 1901, the income to be used for an annual award for the best essay on some topic in Irish history.....	1,000.00
WEDDELL PRIZE FUND	
Gift of Virginia Chase Weddell in 1923, the income to be used to award annually the Alexander Wilbourne Weddell Prize to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world.....	5,000.00

SCHOLARSHIP FUNDS

ANDREWS MEMORIAL SCHOLARSHIP FUND

Gift of Belle Fisk Andrews in 1920 in memory of her husband, Byron Andrews, the income to be used for scholarships "for ambitious and needy students of English, Latin, journalism, history, literature, or political science." 5,115.00

BARTSCH SCHOLARSHIP FUND

Created by gift of Dr. Anna Bartsch-Dunne in 1946, the income to be used for a scholarship for a woman in the School of Medicine and an internship for a woman in the University Hospital. 15,347.50

CARR SCHOLARSHIP FUND

Created by bequest of Emma K. Carr in 1932, the income to be used for scholarships for young white men. 48,608.91

CARTER, H. H., SCHOLARSHIP FUND

Gift of Maria M. Carter in 1896, in memory of her husband, Henry Harding Carter, the income to be used for scholarships in Civil Engineering. 5,000.00

CARTER, M. M., SCHOLARSHIP FUND

Gift of Maria M. Carter in 1871, the income to be used for scholarships for young men. 1,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1947

SCHOLARSHIP FUNDS (Continued)

COLUMBIAN WOMEN FUNDS

BROWN SCHOLARSHIP FUND

Created by the Columbian Women's Club of Washington, D. C., in 1925, in memory of Elizabeth V. Brown, the income to be used for scholarships in the School of Education.

1,200.00

CHAMBERLIN SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1932 in memory of Grace Ross Chamberlin, the income to be used for scholarships for young women.

2,300.00

COLLEGE WOMEN'S SCHOLARSHIP FUND

Gift of the College Women's Club of Washington, D. C., in 1926, the income to be used for scholarships

500.00

FOUNDERS OF COLUMBIAN WOMEN SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1920, the income to be used for scholarships for women in Columbian College.

5,000.00

HERRON SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1925 in memory of Lillian Young Herron, the income to be used for scholarships for women in Columbian College. (Formerly Third Columbian Women Scholarship Fund)

5,000.00

KNAPP SCHOLARSHIP FUND

Gift of the Columbian Women of the George Washington University in 1915, in memory of Nellie Maynard Knapp, the income to be used for scholarships for women.

5,000.00

WILSON SCHOLARSHIP FUND

Gift of Elizabeth Wilson in 1926 in memory of her parents, Lewis D. and Myrtie H. Wilson, the income to be used for scholarships in the School of Medicine.

1,000.00

DAVIS SCHOLARSHIP FUND	
Gift of Isaac Davis in 1869, the income to be used for scholarships.....	1,000.00
DORSEY SCHOLARSHIP FUND	
Created in 1947 by gift of Harryman Dorsey in memory of Charles Worthington Dorsey, the income to be used for scholarships.....	1,000.00
FARNHAM SCHOLARSHIP FUND	
Gift of Mrs. Robert Farnham in 1871, the income to be used for scholarships in Columbian College.....	1,000.00
HARVEY SCHOLARSHIP FUND	
Bequest of Emma Elizabeth Harvey, received in 1923, in memory of her daughter, Elma Lewis Harvey, the income to be used for scholarships in Columbian College for young women of the Protestant faith and of the Caucasian race...	5,031.97
KENDALL SCHOLARSHIP FUND	
Gift of Amos Kendall in 1869, the income to be used for a scholarship now designated by the Board of Trustees as one of the two High School Scholarships assigned to Central High School.....	5,959.61
MOREHOUSE SCHOLARSHIP FUND	
Created by gift of A. Morehouse in 1861, the income to be used for scholarships for undergraduates intending to enter the Christian ministry.....	1,500.00
PEARSON SCHOLARSHIP FUND	
Bequest of Dr. Paul Pearson, received in 1944, the income to be used for scholarships in the School of Pharmacy.....	2,839.80
POWELL SCHOLARSHIP FUND	
Gift of Levin M. Powell in 1886, the income to be used to train young men for entrance in the United States Naval Academy or to fit them to become mates and masters in the Merchant Marine Service of the United States.....	50,000.00
SHEPARD SCHOLARSHIP FUND	
Bequest of Lula M. Shepard, received in 1946, the income to be used for scholarships in the School of Government....	10,000.00

DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1947

SCHOLARSHIP FUNDS (Continued)

SPENCER SCHOLARSHIP FUND Created by gift of Louisa J. Spencer in 1918, the income to be used for scholarships.....	7,434.20
STONE SCHOLARSHIP FUND An anonymous gift in 1893 in memory of Mary Lowell Stone, the income to be used for scholarships for women students of science in Columbian College.....	2,000.00
SWISHER SCHOLARSHIP FUND Created by gift of Dr. Charles Clinton Swisher in 1941, the income to be used to award scholarships in Medieval History.....	7,529.55
WALKER SCHOLARSHIP FUND Gift of William Walker in 1824, the income to be used for scholarships for undergraduates intending to enter the Christian ministry.....	2,500.00
WITHINGTON SCHOLARSHIP FUND Gift of the New York Baptist Theological Seminary, on behalf of John Withington, in 1830, the income to be used for scholarships.....	1,953.13
WOODHULL SCHOLARSHIP FUND Bequest of Ellen M. E. Woodhull, received in 1921, the income to be used for scholarships in Columbian College....	600.00

LIBRARY FUNDS

HOWARD LIBRARY FUND Gift of Colonel Deane Childs Howard in 1943 in memory of Captain Deane Childs Howard, Jr., the income to be used to purchase books for the Library.....	5,000.00
MEYER LIBRARY FUND Gift of Eugene Meyer in 1944, the income to be used to purchase books for the Library.....	1,000.00
NOYES LIBRARY FUND Bequest of Theodore W. Noyes, received in 1947, the income to be used to purchase books for the University Library.	10,000.00
SWISHER ALCOVE BOOK FUND Gift of Dr. Charles Clinton Swisher, in trust for the Historical Society of the University, the income to be used to purchase books for the Swisher Alcove in the Library.....	2,000.00

MISCELLANEOUS FUNDS

DISTRICT OF COLUMBIA D. A. R. FUND Created in 1926 by gifts of chapters in the District of Columbia, the income to be added to the D.C.—D.A.R. Loan Fund.....	5,000.00
GRADUATE ENDOWMENT FUND Created by the Class of 1926 to be used for the acquisition of sites, erection of buildings, and maintenance and purchase of equipment. Only the income may be used until Fund reaches \$50,000 when income, and principal over \$50,000, may be used.....	12,416.57

RESERVES FOR PROTECTION OF INVESTMENTS OF ENDOWMENT FUNDS

RESERVE FOR PROTECTION OF CONSOLIDATED ENDOWMENT FUNDS INVESTMENTS Created from gains arising from the sale of investments, and by setting aside annually a portion of the net income of Consolidated Endowment Funds assets.....	45,887.33
RESERVE FOR PROTECTION OF SCOTTISH RITE ENDOWMENT FUND INVESTMENTS Created from gains arising from the sale of Scottish Rite investments.....	59,162.14

DESCRIPTION OF PLANT FUNDS—UNEXPENDED

August 31, 1947

PLANT ADDITIONS

CLASS OF 1929 WOMEN'S UNIT No. 3 FUND

Created by gifts of the women members of the Class of 1929, to be used to aid in the building of Unit No. 3.....

391.64

FIELD HOUSE FUND

Created by gifts of the Class of 1946 to assist in building a field house.....

170.25

GENERAL BUILDING FUND

Created in 1916 by gifts of various donors, to be used for the purchase of sites, buildings, equipment, to remodel and rebuild, and to pay off obligations.....

340.78

GEORGE WASHINGTON MEMORIAL FUND

Created in 1937 by transfer of the assets of the George Washington Memorial Association to the University, to be used toward the erection and equipping of the auditorium.....

7,860.95

HOSPITAL EQUIPMENT FUND

Created in 1945 by gifts of various donors, to be used for the purchase of equipment for the new hospital.....

597,675.42

LAW SCHOOL EXPANSION FUND

Created in 1945 by gifts of various donors, to be used for the acquisition of land and the erection of a building or buildings for the use of the Law School.....

4,979.55

LIBRARY BOOK FUNDS—GIFTS OF VARIOUS DONORS

BUTLER, HENRY F., LIBRARY FUND.....

50.00

BROCK, MABEL C., LIBRARY FUND.....

75.00

CLASS OF 1945 LIBRARY FUND.....

58.75

COUNCIL OF RELIGIOUS ORGANIZATIONS LIBRARY FUND.....

503.21

DAVIS, HARRY C., LIBRARY FUND.....

25.00

ENGINEERS' LIBRARY FUND.....

45.00

HELLENIC SOCIETY LIBRARY FUND.....

225.00

LANCOLN ARC WELDING FOUNDATION LIBRARY FUND.....

7.02

MURDOCK, MRS. JAMES O., LIBRARY FUND.....

23.80

NOYES, THEODORE W., LIBRARY FUND.....

5,000.00

OHIO SECTION OF THE GEORGE WASHINGTON MEMORIAL ASSOCIATION FUND	
Created in 1941 by gift of the Ohio Section of the George Washington Memorial Association, to be used to erect a memorial.....	1,527.44
PAIRO FUND	
Created in 1931 by Richard E. Pairo, by devise and bequest, to be used for athletic.....	136,632.63
SCHOOL OF ENGINEERING BUILDING FUND	
Created in 1946 by gift of Mr. and Mrs. Charles H. Tompkins, to be used toward the erection of a School of Engineering Building.....	23,177.78
SCHOOL OF MEDICINE BUILDING FUND	
Created in 1945 by gifts of various donors, to be used toward the erection of a School of Medicine building.....	584.34
SCHWAB FUND	
Created in 1942 by bequest of Marianna F. Schwab to be used for hospital building purposes.....	2,794.44
STUDENT UNION FURNISHINGS FUND	
Created in 1931 by various contributions, to furnish and equip a student union building.....	1,730.21
WOMEN'S ACTIVITIES BUILDING FUND	
Created in 1939 by gifts of various donors to erect a women's activities building.....	4,391.49

RESERVE FOR PROTECTION OF INVESTMENTS OF PLANT FUNDS

Created from gains arising from the sales of investments, and by having set aside annually (through the year 1937-1938) a portion of the income of Consolidated Plant Funds Investments.....	3,516.02
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CURRENT OPERATING EVIDENCE (Continued)

THE CATALOGUE ISSUE

1947-48

STUDENT OPERATING EVIDENCE (Continued)

THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

VOL. XLVI

No. 5

THE CATALOGUE ISSUE

WASHINGTON, D. C.

PUBLISHED IN JULY
MCMXLVII

BY THE UNIVERSITY

STUDENT OPERATING EVIDENCE (Continued)

CONTENTS

	Page
THE UNIVERSITY CALENDAR.....	vii
OFFICERS AND COMMITTEES OF THE UNIVERSITY.....	xiii
The Board of Trustees.....	xv
Standing Committees of the Board of Trustees.....	xvii
Officers of Administration.....	xix
The Academic Council.....	xxi
Standing Committees of the Faculty.....	xxiii
Emeritus Faculty.....	xxv
Faculty and Staff of Instruction.....	xxvii
Administrative Assistants.....	liii
THE UNIVERSITY.....	i
History and Organization.....	3
Educational Facilities.....	7
Admission.....	10
Registration.....	19
Fees and Financial Regulations.....	20
Fellowships, Scholarships, Prizes, Loans.....	23
Regulations.....	34
Veterans Education.....	41
Student Life.....	42
THE COLLEGES, SCHOOLS, AND DIVISIONS.....	45
The Junior College.....	47
Columbian College (the senior college).....	63
The Graduate Council.....	80
The School of Medicine.....	85
The Law School.....	96
The School of Engineering.....	104
The School of Pharmacy.....	114
The School of Education.....	122
The School of Government.....	134
The Division of University Students.....	145
The Division of Special Students.....	146
The Summer Sessions.....	148
COURSES OF INSTRUCTION.....	149
Anatomy.....	153
Art.....	154
Bacteriology, Hygiene, and Preventive Medicine.....	156
Biochemistry.....	158
Biology.....	159
Botany.....	161
Business Administration.....	163
Chemistry.....	168
Civil Engineering.....	172
Classical Languages and Literatures.....	175
Dermatology and Syphilology.....	176
Economics.....	177

	Page
Education	182
Electrical Engineering.....	188
English	191
Geography	196
Geology	198
Germanic Languages and Literatures.....	199
Health Administration	201
History	202
Home Economics.....	206
Journalism	209
Law	210
Mathematics	216
Mechanical Engineering.....	219
Medicine	222
Military Science and Tactics.....	226
Neurology and Neurological Surgery.....	227
Obstetrics and Gynecology.....	228
Ophthalmology	230
Oto-rhino-laryngology	231
Pathology	232
Pediatrics	233
Pharmacology	235
Pharmacy	236
Philosophy	240
Physical Education for Men.....	242
Physical Education for Women.....	247
Physics	251
Physiology	255
Political Science.....	257
Psychiatry	261
Psychology	262
Religion	267
Romance Languages and Literatures.....	268
Secretarial Studies.....	274
Sociology	276
Speech	278
Statistics	282
Surgery	287
Urology	290
Zoology	291
UNIVERSITY ORGANIZATIONS.....	295
Alumni and Allied Associations.....	297
Honor Societies.....	304
Student Organizations.....	306
INDEX	309

THE UNIVERSITY CALENDAR

1947							1948						
July							January						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	1	2	3	4	5	..	..	..	..	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31	..	..	25	26	27	28	29	30	31
August							February						
..	..	..	..	..	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	..	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..
September							March						
..	1	2	3	4	5	6	..	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	..	..	..	..	28	29	30	31	..	..	..
October							April						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	31	..	25	26	27	28	29	30	..
..
November							May						
..	..	..	..	..	..	1	..	..	..	..	..	1	..
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	..	..	..	..	..	..	30	31	..	..	..	..	..
December							June						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31	..	..	..	27	28	29	30	..	..	..
July							July						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	2	..	..	..	..	..	1	2
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	30	31	25	26	27	28	29	30	31
August							August						
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31	..	..	..	..	29	30	31	..	..	..	..
September							September						
..	..	..	1	2	3	4	..	..	..	1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	..	..	26	27	28	29	30	..	..
October							October						
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..
November							November						
..	1	2	3	4	5	6	..	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	..	..	..	..	28	29	30	..	..	..	..
December							December						
..	1	2	3	4	5	6	..	..	..	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	..	..	..	26	27	28	29	30	31	..

THE UNIVERSITY CALENDAR *

1947-48

Date	Day	Occasion
1947 FALL TERM:		
Sept. 23.....	Tuesday	Meeting of the University Faculty Examination for students who wish to qualify for advanced courses or waive curriculum requirements
Sept. 24.....	Wednesday	Placement tests in English and Romance languages
Sept. 24 and 25.	Wednesday and Thursday	Registration of students registered winter or summer term 1947
Sept. 26.....	Friday	Registration of new students
Sept. 27.....	Saturday	General registration
Sept. 29.....	Monday	Academic year begins
Oct. 9.....	Thursday	Stated meeting of the Board of Trustees
Oct. 11.....	Saturday	Foreign-language examinations for candidates for the Master's degrees
		Last day on which candidates may file thesis subjects for the Master's degrees conferred in February
Oct. 25.....	Saturday	Last day on which candidates may file dissertation subjects for the degrees of Doctor of Philosophy and Doctor of Education to be conferred the following May
Nov. 11.....	Tuesday	Fall Convocation. Holiday
Nov. 27-29....	Thursday through Saturday	Thanksgiving recess
Dec. 2.....	Tuesday	Meeting of the Academic Council
Dec. 11.....	Thursday	Stated meeting of the Board of Trustees
Dec. 22-Jan. 1.	Monday through Thursday	Christmas recess
1948		
Jan. 2 and 3...	Friday and Saturday..	Preregistration of students registered in the fall term
Jan. 5.....	Monday	Classes resume
		Last day for applications for degrees to be conferred in February

* In the School of Medicine, registration is conducted September 11 and 12, classes begin September 13.

THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
Jan. 5.....	Monday	Last day for receiving dissertations of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in February
Jan. 17.....	Saturday	Last day of classes for the fall term
Jan. 19.....	Monday	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in February
Jan. 19-27....	Monday through Tuesday	Fall term examination period*
WINTER TERM:		
Jan. 28.....	Wednesday	Examinations for students who wish to qualify for advanced courses or waive curriculum requirements
		Placement tests in English and Romance Languages
Jan. 30.....	Friday	Registration of new students
Feb. 2.....	Monday	Classes resume for the winter term
Feb. 12.....	Thursday	Stated meeting of the Board of Trustees
Feb. 13.....	Friday	Last day on which candidates may file thesis subjects for the Master's degrees to be conferred in May
Feb. 14.....	Saturday	Foreign-language examinations for candidates for the Master's degrees
Feb. 23.....	Monday	Winter Convocation. Holiday
March 1.....	Monday	Applications for fellowships for 1948-49 should be filed
March 11.....	Thursday	Stated meeting of the Board of Trustees
March 23.....	Tuesday	Meeting of the University Faculty
March 26 and 27	Friday and Saturday..	Easter recess
April 15.....	Thursday	Last day for receiving dissertations of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in May
		Last day on which candidates may file dissertation subjects for the degrees of Doctor of Philosophy and Doctor of Education to be conferred the following February

* In the Law School, January 19-20.

THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
April 15.....	Thursday	Last day for applications for degrees to be conferred in May
April 26.....	Monday	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in May
April 27.....	Tuesday	Meeting of the Academic Council
May 1.....	Saturday	Applications for scholarships for 1948-49 should be filed
May 3.....	Monday	Summer term preregistration of students registered winter term
May 11.....	Tuesday	Last day of classes for the winter term
May 12-20....	Wednesday through Thursday	Winter term examination period
May 20.....	Thursday	Annual meeting of the Board of Trustees
May 23.....	Sunday	Baccalaureate Sermon
May 26.....	Wednesday	Commencement
SUMMER TERM:		
June 1.....	Tuesday	Registration of new students for the first session and the fifteen-week term of the summer term
June 2.....	Wednesday	Classes begin
July 5.....	Monday	Independence Day. Holiday
July 26.....	Monday	First summer session ends
July 27.....	Tuesday	Registration for the second session of the summer term
July 28.....	Wednesday	Classes begin
Sept. 6.....	Monday	Labor Day. Holiday
Sept. 10.....	Friday	Fifteen-week term ends
Sept. 17.....	Friday	Second summer session ends
Sept. 22-24...	Wednesday through Friday	Registration for the fall term of the academic year 1948-49

CURRENT OPERATING EVIDENCE (Continued)

OFFICERS AND COMMITTEES
OF THE UNIVERSITY

CURRENT OPERATING EVIDENCE (Continued)

THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President and Vice-President of the University *ex officio* and the following persons by election:

1948

*Thomas Leigh Gatch, Graduate United States Naval Academy, LL.B., LL.D.; Department of the Navy
Charles William Gerstenberg, Ph.B., LL.B., J.D.; 70 Fifth Avenue, New York City
Gilbert Grosvenor, A.M., LL.D., Litt.D.; National Geographic Society
Benjamin Mosby McKelway; The Evening Star Building
Alfred Henry Lawson, LL.B.; Washington Loan and Trust Company
Lloyd Bennett Wilson; 725 Thirteenth Street

1949

John St. Clair Brookes, Jr., A.M., LL.B.; Colorado Building
John Henry Cowles, LL.D.; 1733 Sixteenth Street
Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.; 1616 K Street
*Newell Windom Ellison, A.B., LL.B.; Union Trust Building
Robert Vedder Fleming, LL.D.; Riggs National Bank
Charles Carroll Glover, Jr., A.M., LL.B.; Riggs National Bank
Mrs. Henry Alvah Strong, LL.D.; 502 National Savings and Trust Building
Merle Thorpe, A.B.; 708 Colorado Building
Alexander Wetmore, Ph.D., Sc.D.; Smithsonian Institution
*Charles Stanley White, M.D., Sc.D.; 1801 I Street

1950

Avery DeLano Andrews, B.S., LL.B.; Winter Park, Florida
Clarence Aiken Aspinwall; 1140 Fifteenth Street
Lyman James Briggs, Ph.D., Sc.D., D.Eng., LL.D.; National Bureau of Standards
Henry Parsons Erwin, A.B.; Hibbs Building
Mrs. Joshua Evans, Jr., A.B., Ed.D.; 3405 Lowell Street
*Robert Elliott Freer, A.B., LL.M.; Federal Trade Commission

* Nominated by the alumni.

John Edgar Hoover, LL.M., LL.D.; United States Department of Justice

*Frank Atherton Howard, Ph.D.; 30 Rockefeller Plaza, New York City

Walter Rupert Tuckerman, A.B., LL.B.; 5415 Edgemoor Lane, Bethesda, Maryland

Chester Wells, B.S., Graduate United States Naval War College; Colorado Building

Chairman of the Board of Trustees

Robert Vedder Fleming

Secretary of the Board of Trustees

Henry Parsons Erwin

Assistant Secretary of the Board of Trustees

Newell Windom Ellison

* Nominated by the alumni

STANDING COMMITTEES OF THE BOARD OF TRUSTEES

The Chairman of the Board of Trustees and the President of the University shall be members ex officio of each of the committees of the Board. The President of the University shall be Chairman of the Executive Committee.

EXECUTIVE COMMITTEE

Mr. Ellison, *Secretary*; Mr. Erwin; Mrs. Evans; Mr. Glover;
Mr. McKelway; Mr. Tuckerman

COMMITTEE ON EDUCATIONAL POLICY

Mr. Wetmore, *Chairman*; Mr. Gerstenberg; Mr. Grosvenor;
Mr. Hoover; Dr. White

COMMITTEE ON ENDOWMENT FUNDS

Mr. Aspinwall, *Chairman*; Mr. Andrews; Mr. Cowles; Mrs. Strong

COMMITTEE ON FINANCE

Mr. Erwin, *Chairman*; Mr. Aspinwall; Mr. Wells

COMMITTEE ON NOMINATION OF TRUSTEES

Mr. Wells, *Chairman*; Mr. Cowles; Mr. Grosvenor; Mr. Hoover;
Mr. McKelway

COMMITTEE ON HONORS

Mr. Grosvenor, *Chairman*; Mr. Briggs; Mr. Gerstenberg; Mr. Glover;
Mr. Tuckerman

COMMITTEE ON ALUMNI RELATIONS

Mr. Ellison, *Chairman*; Mrs. Evans; Admiral Gatch; Dr. White

COMMITTEE ON UNIVERSITY LIBRARIES AND MUSEUMS

Mr. Briggs, *Chairman*; Mr. Cummings; Mr. Lawson

COMMITTEE ON LEGAL AFFAIRS

Mr. Cummings, *Chairman*; Mr. Brookes; Mr. Ellison

COMMITTEE ON BUILDINGS AND LANDS

Mr. Lawson, *Chairman*; Vice-President Grant, *Secretary*;
Mr. Glover; Mr. Tuckerman; Mr. Wilson

COMMITTEE ON PERSONNEL

Mr. Wilson, *Chairman*; Mr. Erwin; Mrs. Evans; Mr. Freer;
Mr. Grosvenor

COMMITTEE ON EXTRA-CURRICULAR ACTIVITIES

Mr. Brookes, *Chairman*; Mr. Freer; Mr. Tuckerman

COMMITTEE ON PUBLIC RELATIONS

Mr. Freer, *Chairman*; Mrs. Evans; Mr. McKelway; Mr. Wetmore

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THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
Ulysses S. Grant, 3d, B.S., *Graduate United States Engineers School,*
Vice-President of the University
Harold Griffith Sutton, M.S., *Director of Admissions*
Burnice Herman Jarman, A.M., Ed.D., *Registrar; Secretary of the*
Faculties
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*
Fred Everett Nessell, A.B., *Business Manager*
Henry William Herzog, B.S., *Comptroller*
Mitchell Dreese, Ph.D., *Dean of the Summer Sessions; Director of*
Veterans Education
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*
Lester Allan Smith, A.M., *Alumni Secretary*
Claud Max Farrington, A.M., *Director of Activities for Men*
Virginia Randolph Kirkbride, A.M., *Director of Activities for Women*
Ruth Harriet Atwell, A.M., *Director of Physical Education for Women*
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Coun-*
tries

THE COLLEGES, SCHOOLS, AND DIVISIONS

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Henry Grattan Doyle, A.M., *Dean of Columbian College*
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*
Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*
William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Dean of the School of*
Engineering
Charles Watson Bliven, M.S., *Dean of the School of Pharmacy*
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*
*William Crane Johnstone, Jr., Ph.D., *Dean of the School of Govern-*
ment
Arthur Edward Burns, Ph.D., *Acting Dean of the School of Government*
Elmer Louis Kayser, Ph.D., *Dean of the Division of University Students;*
University Marshal

* On leave of absence 1947-48.

Warren Reed West, Ph.D., *Dean of the Division of Special Students*

Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*

*William Lewis Turner, A.M., *Assistant Dean in the Junior College*

Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of Engineering*

Charles William Cole, Ph.D., *Assistant Dean of the Summer Sessions*

* On leave of absence 1947-48.

THE ACADEMIC COUNCIL

THE UNIVERSITY

The President of the University
The Director of Admissions
The Registrar
The Librarian

THE GRADUATE COUNCIL

The Chairman of the Council

Edward Henry Sehrt

George Winchester Stone, Jr.

THE JUNIOR COLLEGE

The Dean of the College

Donnell Brooks Young

Gretchen Louisa Rogers

COLUMBIAN COLLEGE

The Dean of the College

Merle Irving Protzman

Samuel Nathaniel Wrenn

THE SCHOOL OF MEDICINE

The Dean of the School

Paul Kenneth Smith

Angus MacIvor Griffin

THE LAW SCHOOL

The Dean of the School

William Thomas Fryer

James Oliver Murdock

THE SCHOOL OF ENGINEERING

The Dean of the School

Arthur Frederick Johnson

Carl Hugo Walther

THE SCHOOL OF PHARMACY

The Dean of the School

THE SCHOOL OF EDUCATION

The Dean of the School

Frances Kirkpatrick

Thelma Hunt

THE SCHOOL OF GOVERNMENT

The Dean of the School

Donald Stevenson Watson

Ralph Dale Kennedy

THE DIVISION OF UNIVERSITY STUDENTS

The Dean of the Division

THE DIVISION OF SPECIAL STUDENTS

The Dean of the Division

THE SUMMER SESSIONS

The Dean of the Summer Sessions

STANDING COMMITTEES OF THE FACULTY

COMMITTEE ON EDUCATIONAL POLICY

The President of the University, *Chairman*
The Dean of the Junior College
The Dean of Columbian College
The Chairman of the Graduate Council
The Dean of the School of Medicine
The Dean of the Law School
The Dean of the School of Engineering
The Dean of the School of Pharmacy
The Dean of the School of Education
The Dean of the School of Government
The Dean of the Division of University Students
The Dean of the Division of Special Students
The Dean of the Summer Sessions

COMMITTEE ON ADMISSION AND ADVANCED STANDING

Harold Griffith Sutton, *Chairman*
Florence Marie Mears
Charles William Cole
Charles Edward Bish

COMMITTEE ON ELIGIBILITY

Carl Hugo Walther, *Chairman*
William Lewis Turner
James Robert Kirkland

COMMITTEE ON LIBRARY

Fred Salisbury Tupper, *Chairman*
Thomas Martin Peery
Charles Rudolph Naeser
Carville Dickinson Benson
Louis Clark Keating

COMMITTEE OF PUBLIC CEREMONIES AND ASSEMBLIES

Elmer Louis Kayser, *University Marshal; Chairman*
Frank Mark Weida
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- 315 Whittier St.
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 Janet Segal, A.B., *Receptionist-counselor*
 Lillian Hyde, *Secretary*
 Virginia Atkins, *Clerk*
 Ellen Galvin, A.B., *Clerk*
 Julia Stickney, *Clerk*
 Phyllis Wahle, *Clerk*

INTERCOLLEGIATE ATHLETICS

Jacob Neil Stahley, A.M., *Head Football Coach*
 Arthur David Zahn, A.B., *Baseball and Basketball Coach*
 Alfred Albert Sadusky, A.M., *Line Coach in Football*
 Roger Antaya, A.M., *Assistant Football Coach*
 Allan William Adams, *Athletic Trainer*

MUSICAL ACTIVITIES

Robert Howe Harmon, A.B., M.D., *Director of the Glee Clubs*
 Grace Ruble Harmon, *Associate Director of the Glee Clubs*
 Leon Brusiloff, *Director of The George Washington University Band*

RESIDENCE AND SORORITY HALLS

Mattie Becker Jenkins, *Hostess in the Hattie M. Strong Residence Hall
for Women*
 Jessie Ramsey Lee, *Hostess in Staughton Hall*
 Virginia Randolph Kirkbride, A.M., *Hostess in Sorority Hall, 2129 G
Street*
 Helen Madigan, *Hostess in Sorority Hall, 802 Twenty-first Street*

THE UNIVERSITY

CURRENT OPERATING EVIDENCE (Continued)

HISTORY AND ORGANIZATION

HISTORY

The idea of a university located in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

It was George Washington's hope that the "General Government" would extend toward such an institution "a fostering hand". No steps were taken by Congress to carry out the provision of Washington's will, and the stock that he had bequeathed for the establishment of a university in the District of Columbia became valueless owing to the failure of the Potomac Canal properties.

Meanwhile, however, a movement was started by private persons under the leadership of Luther Rice to establish an institution of higher learning at the seat of the National Government for the education of the Baptist ministry and to afford general collegiate training. In 1819 an association was formed by Luther Rice, Obadiah B. Brown, Spencer H. Cone, and Enoch Reynolds for the purpose of raising funds to buy land for the use of the college.

A group of the Nation's leaders who were especially interested in Washington's idea became patrons of the college and contributed to funds raised for the purchase of land and erection of buildings. Among them were James Monroe, President of the United States; William H. Crawford, Secretary of the Treasury; John C. Calhoun, Secretary of War; William Wirt, Attorney General; Return J. Meigs, Postmaster General; and thirty-two members of the Congress.

Legally to implement the college a petition was made to Congress for the incorporation of "the General Convention of the Baptist Denomination in the District of Columbia for evangelical and literary purposes". This petition was denied by Congress, on April 26, 1820, because of its sectarian character.

Failing to obtain a denominational charter, members of the association enlarged their objective to embrace national aims, and with the sponsorship of Government leaders there was presented in Congress a bill for the incorporation of "the Columbian Society for literary purposes", it being proposed to realize in this way "the aspirations of Wash-

ington, Jefferson and Madison for the erection of a university at the seat of the federal government".

Acting upon this second petition, on February 9, 1821, Congress chartered Columbian College in the District of Columbia, inserting in the charter by special action the provision "That persons of every religious denomination shall be capable of being elected Trustees; nor shall any person, either as President, Professor, Tutor or pupil, be refused admittance into said College or denied any of the privileges, immunities or advantages thereof, for or on account of his sentiments in matters of religion".

Thus Columbian College in the District of Columbia was chartered by Congress as one of the early nonsectarian institutions of higher learning in the United States, under the distinguished favor of President James Monroe and members of his Cabinet.

A tract of approximately forty-seven acres, extending about one-half mile northwest of Boundary Street (Florida Avenue) between 14th and 15th Streets, was purchased and by 1822 the main building was completed sufficiently to use.

Two years later, when the first Commencement was held on December 15, 1824, Congress and the Supreme Court adjourned their sessions to enable their members to attend the exercises. President Monroe, John Quincy Adams, John C. Calhoun, Henry Clay, and the Marquis de Lafayette headed the eminent company in attendance.

The School of Medicine, established in 1821, was formally opened in 1825 and has been in continuous operation since that time. The Law School, organized in 1826, was discontinued the following year, and was reestablished in 1865. It is the oldest law school in Washington.

By an act of Congress of March 3, 1873, the name of the college was changed to "Columbian University", in recognition of the enlarged scope of the institution. In 1884 the University was moved from its first location on "College Hill", now Columbia Heights, to the new University Hall built for it at Fifteenth and H Streets. Near-by buildings accommodated the School of Medicine.

For a period of six years, from 1898 to 1904, the University was placed under control of the Baptist Denomination. In 1904 an act restoring the original secular character of the University and authorizing change of name to The George Washington University was passed by Congress.

Subsequently all the colleges, schools, and divisions of the University except the School of Medicine, which is situated on H Street between Thirteenth and Fourteenth Streets NW., were brought together at the present location in the city block bounded by Twentieth, Twenty-first, G, and H Streets NW, and in the blocks adjacent.

In 1930 a new plan of academic organization for the liberal arts work was effected. The Junior College was established, comprising the

work of the freshman and sophomore years. The junior and senior years were retained in Columbian College, which was designated the senior college of letters and sciences. As a further step, the year of study leading to the Master's degree was separated from the graduate work for the Doctor's degree and assigned to Columbian College. The Graduate Council was organized to administer the work for the degree of Doctor of Philosophy. These innovations were accompanied by the establishment of a carefully controlled independent study plan, the grouping of departments of instruction under the divisional type of organization, and the institution of a new plan of administration both for the undergraduate major and for the Master's work.

The endowment of the University is \$2,700,000.

THE COLLEGES, SCHOOLS, AND DIVISIONS

The George Washington University includes twelve colleges, schools, and divisions, as follows: the Junior College; Columbian College, the senior college of letters and sciences; the Graduate Council; the School of Medicine; the Law School; the School of Engineering; the School of Pharmacy; the School of Education; the School of Government; the Division of University Students; the Division of Special Students; and the Summer Sessions.

ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by, and the Capitol, the Library of Congress, and the National Gallery of Art are readily accessible to the University.

GOVERNMENT

The government and general educational management of The George Washington University are vested in a self-perpetuating Board of Trustees, with the President of the University as member ex officio. The members of the Board are named for a period of three years and are divided into three classes. The members of one class are elected at each annual meeting to fill the places of the members whose terms of office expire. Two members of each class are nominated by the Alumni Association.

EDUCATIONAL FACILITIES

BUILDINGS

Buildings, grounds, and equipment are valued at approximately \$6,000,000.

The buildings of the Junior College, Columbian College, the Graduate Council, the Law School, the School of Engineering, the School of Pharmacy, the School of Education, the School of Government, the Division of University Students, and the Division of Special Students, are grouped in the vicinity of Twenty-first and G Streets NW. The School of Medicine, the University Hospital, and the Dispensary are situated at Fourteenth and H Streets NW. The buildings of the University are as follows:

- Corcoran Hall, 725 Twenty-first Street. Named in honor of the late William W. Corcoran, benefactor of the University and a former member of the Board of Trustees. Offices of the Comptroller, the Dean of the School of Engineering, the departments of Chemistry, Electrical Engineering, and Physics; the chemistry, electrical engineering, and physics laboratories; classrooms.
- Faculty Club House, 714 Twenty-first Street.
- Gymnasium, 2010-12 H Street. Offices of the Department of Physical Education for Men.
- Hall of Government, 710 Twenty-first Street. The gift of Mrs. Henry Alvah Strong, Trustee of the University. Offices of the Dean of the School of Government, the departments of Business Administration, Economics, History, Political Science, and Statistics.
- Hospital and Dispensary, 1339 H Street.
- International House, 2116 G Street. Offices of the Adviser to Students from Foreign Countries; club rooms.
- Lisner Auditorium, 730 Twenty-first Street. The gift of Abram Lisner, late Trustee of the University. The Auditorium; offices and classrooms of the Department of Speech.
- Mechanical Engineering Building, 735 Twenty-first Street. Offices of the departments of Civil, Electrical and Mechanical Engineering; engineering testing laboratories, general laboratories, drafting rooms, and classrooms.
- Office of the President, 2003 G Street.
- Office of the Vice-President, 2003 G Street.
- School of Medicine, 1335 H Street. Offices of the Staff of the School of Medicine; anatomy, bacteriology, biochemistry, histology and embryology, pathology, pharmacology, and physiology laboratories; the Medical Library; lecture rooms; classrooms; students' rooms.
- Sorority Halls:
- 2129 G Street, Apartments of Pi Beta Phi, Sigma Kappa, Phi Mu, Alpha Delta Pi, Delta Zeta, Zeta Tau Alpha, and Kappa Kappa Gamma sororities.
- 2131 G Street. Apartments of Delta Gamma Sorority and Martha Washington Club.
- 802 Twenty-first Street. Apartments of Chi Omega and Phi Sigma Sigma sororities.
- 2121 G Street. Apartments of Kappa Alpha Theta and Kappa Delta sororities.

- Staughton Residence Hall for Women, 707 Twenty-second Street. Named in honor of William Staughton, the first President of the University (1821-1827).
- Stockton Hall, 720 Twentieth Street. Named in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. Offices, library, and lecture halls of the Law School.
- Strong Residence Hall for Women, 620 Twenty-first Street. Named in honor of the donor, Mrs. Henry Alvah Strong.
- University Library, 2023 G Street. The gift of Abram Lisner, late Trustee of the University. The library; rooms of the Board of Trustees and the Graduate Council.
- Veterans' Club, 722 Twenty-second Street.
- Woodhull Building, 2033 G Street. Gift of the late General Maxwell Van Zandt Woodhull, former Trustee of the University. Offices of the Director of Activities for Women and the Student Council; meeting rooms for student activities and the Columbian Women.
- Building A, 2026 G Street. Offices of the Department of Romance Languages.
- Building B, 2024 G Street. Laboratories and classrooms of the Department of Home Economics.
- Building C, 2029 G Street. Offices of the Registrar, the Director of Admissions and the Dean of the Division of Special Students; offices and laboratories of the departments of Biology, Botany, and Zoology; the Student Club; common rooms.
- Building D, 2013 G Street. Offices of the Dean of the Junior College, the Dean of Columbian College, the Dean of the Division of University Students, the Dean of the School of Education, and the Business Manager; offices of the departments of Art, Classical Languages, Education, English, Geography, Germanic Languages, Mathematics, Philosophy, Psychology, Secretarial Studies, and Sociology; classrooms.
- Building G, 712 Twentieth Street. Offices of the University Physician for Women and of the Department of English.
- Building H, 714-16 Twentieth Street. Offices and locker rooms of the Department of Physical Education for Women.
- Building J, 2131 G Street (rear). Classroom and locker rooms of the Department of Physical Education for Women.
- Building L, 2129 G Street (rear). Classrooms of the Department of Physical Education for Women.
- Buildings M and N, 716-18 Twenty-first Street. Office of the Alumni Secretary; offices of student publications.
- Building Q, 2029 H Street. Office of the Director of Veterans Education.
- Building R, 2027 H Street. Offices of the Director of Activities for Men and the Athletic Staff.
- Building S, 2025 H Street. Residence Hall for Women.
- Building T, 717 Twenty-second Street. Offices of the Department of English.
- Building V, 2120 H Street (rear). Laboratories and classrooms of the Department of Physics.
- Building W, 2128 H Street. Offices of the School of Pharmacy; pharmacy laboratories; classrooms.
- Building X, 725 Twenty-third Street. Drafting rooms and classrooms of the School of Engineering.

THE UNIVERSITY LIBRARY

The University Library contains more than 160,000 volumes. The well equipped Library building houses all of the library except the law and medical collections. Over 5,000 bound volumes are added annually.

and approximately 750 periodicals and publications of learned societies are received currently. Among the special collections of the Library are the Richard Heinzel Collection of Germanic philology and literature; the Curt Wachsmuth Collection of Greek and Roman literature, archeology, and history; the Mount Vernon Collection on political history, international law, and the social sciences; a representative collection of Spanish American books, the gift of the governments of Hispanic America; the Chauncey Mitchell Depew Public Speaking Collection, the gift of the late Mrs. Depew; and the Art Collection, which contains about 1,000 volumes made available by the American Institute of Architects, and the 7,500 mounted photographs of the Russell Sturgis Collection.

OTHER LIBRARY FACILITIES

The student has access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department of Agriculture; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many of the other great special collections of the government departments.

GOVERNMENTAL INSTITUTIONS ACCESSIBLE TO STUDENTS

The congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That the facilities for research and illustration in the following and any other Governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

- One. Of the Library of Congress.
- Two. Of the National Museum.
- Three. Of the Patent Office.
- Four. Of the Bureau of Education.
- Five. Of the Bureau of Ethnology.
- Six. Of the Army Medical Museum.
- Seven. Of the Department of Agriculture.
- Eight. Of the Fish Commission.
- Nine. Of the Botanic Gardens.
- Ten. Of the Coast and Geodetic Survey.
- Eleven. Of the Geological Survey.

ADMISSION

All departments of the University accept men and women.

Students may enter any college, school, or division of the University except the School of Medicine at the beginning of the fall term, the winter term, or either session of the summer term.

Entrance to the School of Medicine in 1947-48 is permitted only at the opening of the term beginning September 1947.

GENERAL ADMISSION REQUIREMENTS

The following factors are considered in determining the eligibility of an applicant for admission:

1. The adequacy of previous academic work as preparation for the course of study now contemplated—including quantity and quality of work and the standing of the institution in which it was done.
2. The aptitude of the student for the course contemplated.
3. The character of the student.

The University reserves the right to refuse admission to any student who has a previous academic record of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return with the application fee of \$3. A recent photograph, with signature, of the applicant must be attached to the blank.

Applications should be filed not later than July 1 for the fall term, January 1 for the winter term, and May 1 for the summer term.

An applicant from a secondary school must send the high school record form provided by the University to his high school principal with the request that the principal fill out the form and mail it direct to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning must request the registrar of that institution to mail directly to the Office of the Director of Admissions a transcript of his record. If he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his record, even though credits were not earned, together with an honorable dismissal from the institution last attended.

The Graduate Record Examination sponsored by the Carnegie Foundation for the Advancement of Teaching is accepted as supplemental evidence of the applicant's educational attainment, and the appropriate report should accompany the application for admission whenever available.

METHODS OF ADMISSION

FROM SECONDARY SCHOOLS

An applicant from a secondary school may seek to qualify for admission by certificate or examination.

By Certificate

A certificate of graduation with a minimum of fifteen "units"* from an accredited secondary school and the recommendation from the principal of the secondary school that the applicant is prepared to undertake college work will be considered subject to the following conditions:

1. If the school is accredited by the regional accrediting association, the student must rank not lower than the third fifth of his class.
2. If the school is not listed by the regional accrediting association, but has been accredited by the state accrediting agency, the student must rank in the upper two fifths of his class.

By College Entrance Board Examinations

An applicant may qualify by passing satisfactorily College Entrance Board examinations as prescribed by the Director of Admissions. These examinations are given at The George Washington University on December 6, 1947; January 24, 1948; April 3, 1948; June 5, 1948; and August 18, 1948.

Arrangements for the examination should be made with the College Entrance Examination Board, Post Office Box 592, Princeton, N. J., not less than one month before the date of the examinations.

FROM HIGHER INSTITUTIONS ‡

An applicant for advanced standing may be considered for admission upon the presentation of satisfactory credentials from an accredited institution of higher learning. The student must be in good standing as

* A unit represents a year's study in a secondary school subject, including in the aggregate not less than 120 sixty-minute periods of prepared classroom work.

‡ The University reserves the right to refuse advance credit in whole or in part, or to allow it provisionally. Credit so given may be withdrawn for subsequent poor work.

to scholarship and conduct, and must be eligible to return to the previously attended institution in the term for which he seeks admission to this University.

If the transcript of record from such an institution includes the record of his secondary school work, it is not necessary for the applicant to have forwarded a separate record directly from the principal of the secondary school. High school work is considered only as fulfilling entrance requirements; it is never credited toward advanced standing.

Properly certified courses taken at accredited colleges or universities may be applied toward a degree at this University, subject to the curriculum requirements and regulations of the school or college to which admission is sought. Work of low pass grade (such as *D* or the equivalent) may not be considered for transfer.

ENTRANCE REQUIREMENTS

THE JUNIOR COLLEGE

An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations selected with the approval of the Director of Admissions is required. (See "Methods of Admission".)

Distribution of Units for All Curricula except Premedical.—Except for admission to the premedical curriculum, certification by the principal that the student has satisfied all curriculum requirements of the school will be accepted in lieu of any prescribed distribution of units. Attention is called, however, to the necessity of completing stated prerequisite studies during the secondary school period for admission to certain curricula. It is to be noted that one unit of algebra is prerequisite to courses in chemistry, mathematics, physics, and statistics and that in addition one unit of plane geometry is prerequisite to courses in mathematics and physics. In the instance of applicants who do not meet the above stated mathematics requirements, algebra and plane geometry may be taken without college credit when offered by the Department of Mathematics. For a statement of the foreign-language requirements see page 55.

Distribution of Units for the Premedical Curriculum.—The several state medical boards govern the granting of licenses to practice; hence their requirements as to high school credits must be met exactly. The fifteen units required must include three in English, two in one foreign language, one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in the above subjects.

COLUMBIAN COLLEGE (THE SENIOR COLLEGE)**For the Bachelor's Degrees**

Two years of Junior College work leading to the degree of Associate in Arts, or the lower-division work in institutions not organized on the junior-senior-college plan, following a specified curriculum, meet the minimum requirements of Columbian College. In addition, however, scholarship requirements for admission may be set somewhat higher than those for graduation from the Junior College.

Bachelor of Arts.—An Associate in Arts degree based on curriculum A-I in the Junior College, or the equivalent (see page 56), is required.

Bachelor of Science.—An Associate in Arts degree based on curriculum A-II in the Junior College, or the equivalent (see page 56), is required.

For the Master's Degrees

An approved Bachelor's degree from an accredited higher institution is required. A student from an unaccredited institution may be admitted at the discretion of the Committee on Admission and Advanced Standing, but he will be required to take such extra work above the minimum requirements as may be prescribed. A superior quality of work in the major field is essential.

Applications for admission must be approved by the department or division and by the Dean.

Master of Arts.—The student's undergraduate curriculum must include a program of study substantially equivalent to a major in his chosen field, together with an appropriate distribution of courses in other fields, or he must complete this prerequisite work in addition to that required for the Master's degree.

Master of Science.—The student's undergraduate curriculum must include the equivalent of the undergraduate major of the scientific department under which he desires to work.

THE GRADUATE COUNCIL

Doctor of Philosophy.—The student must possess an adequate academic preparation for advanced study in the proposed field, as evidenced by approved Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and capacity for creative work.

THE SCHOOL OF MEDICINE

Doctor of Medicine.—Ninety credit hours of work, exclusive of physical education, in an accredited higher institution are required. Premedical college requirements must be completed (see curriculum B on page 57).

Specific Educational Requirements

SECONDARY SCHOOL REQUIREMENTS

Of the fifteen secondary school units required, three must be in English, two in one foreign language (ancient or modern), one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in English, foreign language, mathematics, science, and history.

PREMEDICAL COLLEGE REQUIREMENTS

NINETY CREDIT HOURS

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry, of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.
2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.
3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.
4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.
5. Modern foreign language: a reading knowledge, preferably of French or German.
6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

Advanced Standing

A student who has satisfactorily attended one or two years at any other "class A" medical school, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

THE LAW SCHOOL

For the Degrees in the Professional Course

Bachelor of Laws and Juris Doctor.—A Bachelor's degree awarded upon completion of a four-year course in an approved college or university is required.

ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted only for work successfully completed in other Law Schools which are members of the Association of American Law Schools.

Advanced standing toward the degree of Juris Doctor will not be granted for work in other law schools.

For the Degrees in the Graduate Course

*Master of Laws.**—A bachelor's degree awarded upon the completion of a four-year course in an approved college or university and the degree of Bachelor of Laws, or the equivalent, from an approved law school are required.

Master of Comparative Law.—The following are required: (1) the successful completion of and graduation from a course in arts, philosophy, letters, or sciences, equivalent to graduation from a gymnasium, lycee, or liceo (junior college); and (2) graduation in law from a recognized foreign university where training was in Civil Law.

Doctor of Juridical Science.—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from an approved law school, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Dean's Council of the Law School.

Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another approved law school may, at the discretion of the Dean, be admitted as an unclassified student. Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

THE SCHOOL OF ENGINEERING

Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, Bachelor of Science in Engineering.

—An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations in secondary school subjects selected with the approval of the Director of Admissions is required.

* No less than one-half the work necessary for graduation from an approved college or university will be accepted as satisfying the admission requirements for (1) regular students of the University in attendance during the 1947 winter term, (2) applicants for the degree of Bachelor of Laws or Master of Laws who have completed not less than 20 months of continuous service in the armed forces of the United States during World War II.

Nine and one-half of the fifteen units required for entrance must be distributed as follows: three in English, two in algebra, one in plane geometry, one-half in plane trigonometry, one in physics or chemistry, and two in one foreign language or history. A graduate of an approved high school who does not offer for admission the particular subjects required for the engineering curriculum, but who does present not less than fifteen acceptable units, may be admitted on condition, if such deficiency in the distribution of units does not exceed two units.

ADVANCED STANDING

Advanced standing may be granted for work successfully completed at accredited institutions of higher learning. Credit will be assigned by the School of Engineering to the extent that the work taken at previous institutions meets the requirements for the degree sought at this University, and subject to the general University regulations concerning satisfactory subsequent work.

THE SCHOOL OF PHARMACY

Bachelor of Science in Pharmacy.—An Associate in Arts degree based on the curriculum in Pharmacy* in the Junior College, or the equivalent is required.

A student who has received a Bachelor's degree from an accredited institution or who has completed work in the general cultural or foundational subjects of the pharmacy curriculum may be admitted to advanced standing. No more than one year of advanced standing will be granted a student from any institution other than an accredited college of pharmacy.

Master of Science in Pharmacy.—A Bachelor of Science degree from an accredited institution is required.

THE SCHOOL OF EDUCATION

For the Bachelor's Degrees

Bachelor of Arts in Education, Bachelor of Science in Home Economics, Bachelor of Science in Physical Education.—An Associate in Arts degree based on curriculum D-I,* D-II,* or D-III-IV* in the Junior College, or the equivalent from another accredited higher institution, or a certificate of graduation from an approved normal school or the equivalent is required.

* See curricula on pages 58-60.

For the Master's Degree

Master of Arts in Education.—A Bachelor's degree from an accredited institution, or the completion of a course of study that is the equivalent is required. A student from an unaccredited institution whose work is judged by the Faculty to be not more than twelve credit hours short of that required for an approved Bachelor's degree may remove his deficiencies while registered for the Master's degree.

For the Doctor's Degree

Doctor of Education.—The degree of Master of Arts in Education or the equivalent, and at least three years of satisfactory educational experience are required.

THE SCHOOL OF GOVERNMENT

For the Bachelor's Degree

Bachelor of Arts in Government.—An Associate in Arts degree based on curriculum E-I,* E-II,* or E-III,* in the Junior College, or the equivalent, and a quality-point index of 2.25 for the first two years' work is required.

For the Master's Degree

Master of Arts in Government.—A Bachelor's degree from an accredited institution, or evidence of a course of study that is judged by the Faculty to be the equivalent is required. A student from an unaccredited institution may be admitted at the discretion of the Dean's Council, but he will be required to take such extra work above the minimum requirements as may be prescribed.

The Dean may permit deficiencies to be made up concurrently with work for the degree or by special examinations given under direction of a Faculty Committee. Students admitted to candidacy must have attained a quality-point index of 3.00 (a "B" average) in the courses of their undergraduate major. In special cases students who have not attained this scholastic average may take a qualifying examination with permission of the Dean.

THE DIVISION OF UNIVERSITY STUDENTS

Students 21 years of age or over who are not interested in working for a degree in this University may be considered for admission to the

* See curricula on pages 60 and 61.

Division of University Students to take courses for which they have adequate preparation, as evidenced by previous scholastic records.

In special instances, with the permission of the instructor, a person may be considered for admission as an auditor in a class without being required to take active part in the exercises or to pass examinations. No credit will be allowed for such attendance.

THE DIVISION OF SPECIAL STUDENTS

This is a non degree-granting division of the University in which the Director of Admissions may authorize the placement of students in the process of making up entrance deficiencies to degree-granting colleges and schools of the University.

Complete credentials must be submitted and evaluated before a tentative or definite plan of make-up may be prepared.

CLASSIFICATION OF STUDENTS

REGULAR STUDENTS

Regular students are those who have met the entrance requirements for candidacy and are registered for certificates or degrees.

UNIVERSITY STUDENTS

Persons of mature age, as specified in the rules of the Division of University Students, may be admitted to this Division to pursue courses for which they have had adequate preparation.

SPECIAL STUDENTS

Special students are those who are in the process of qualifying for admission to curricula in degree-granting colleges and schools of the University.

Additional information concerning curricula, courses offered, entrance requirements, or admission procedure may be obtained from the Office of the Director of Admissions.

REGISTRATION

Before a student may be admitted to registration he must have satisfied the Office of the Director of Admissions that he is qualified for entrance to the University. (See "Admission", pages 10-18.)

A student who has previously matriculated in the University, but who has not been in attendance during the term prior to registration, should file an application for readmission in advance of registration.

Registration is for the term unless otherwise indicated on the registration paper. No registration is accepted for less than a term or one summer session.

A student may not register concurrently in The George Washington University and another institution without the permission of the dean of the college, school, or division in which he is registered in The George Washington University. Allowance of credit for work done concurrently will be at the discretion of the appropriate Committee on Admission and Advanced Standing.

TIME AND PLACE OF REGISTRATION *

Registration is conducted between 9:00 A.M. and 7:00 P.M. during the following periods: *fall term*, September 24 and 25 for students registered for the winter or summer term of 1947, September 26 for new students; *winter term*, January 2 and 3 preregistration for students registered for the fall term of 1947, January 30 for new students. Registration, except for the Law School, is conducted in Building C, 2029 G Street NW.; for the Law School, in Stockton Hall, 720 Twentieth Street NW.

REGISTRATION CHANGES AND WITHDRAWALS

For regulations governing changes in registrations and withdrawals, see pages 22, 35, and 36.

* Registration for the School of Medicine is conducted at the School of Medicine, 1335 H Street NW., between 11:00 A.M. and 5:00 P.M., September 11 and 12, 1947.

FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted effective September 1, 1947.

TUITION FEES

For each credit hour for which the student registers (except work taken by a candidate for a Doctor's degree)*.....	\$12.00
For the degree of Doctor of Medicine, for two terms†.....	600.00
For the degree of Doctor of Philosophy:	
For work leading to and including the Council Fellowship examination§	360.00
For work leading to and including the final examinations§.....	360.00
For the degree of Doctor of Education:	
For work leading to and including the general examination§.....	360.00
For work leading to and including the final examinations§.....	360.00
For the degree of Doctor of Juridical Science:	
For work leading to and including the final examinations§.....	360.00

ADDITIONAL COURSE FEES

In certain courses additional fees, such as laboratory and material fees, are charged as indicated in the course descriptions. These fees are charged by the term and, unless otherwise indicated, may be defrayed in installments when the tuition is paid in this manner. Breakage of apparatus is charged against the individual student. When breakage is in excess of the normal amount provided for in the laboratory fee the individual student will be required to pay such additional charges as are determined by the department concerned.

GRADUATION FEES

Wherein the degree of Associate in Arts is granted.....	\$10.00
Wherein a degree other than the Associate in Arts degree is granted.....	20.00

FEE FOR BINDING MASTER'S THESIS.....

FEE FOR THE PROFESSIONAL THESIS IN THE SCHOOL OF ENGINEERING.....

An annual fee; one half payable in advance at the time of each registration.

* Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the second academic year, it must be registered for again, and tuition paid on the same basis as a repeated course.

† Registration in the School of Medicine is for a period of two terms. After the student has entered the course of instruction he is obligated for the full tuition for two terms. No refund of the tuition will be refunded upon withdrawal or dismissal for any cause.

§ When a limited schedule is carried which extends the time of either the preparation or the examination period to more than one year, the proportionate part of the charge must be fixed by the Comptroller.

FEE FOR PRINTING AND FILING SUMMARY OF DOCTORAL DISSERTATION . . . 50.00

SPECIAL FEES

Application fee, charged all new applicants for admission	3.00
Late-registration fee, charged each student who fails to register within the designated period	5.00
Service fee, charged each student for late payment of tuition (see "Payment of Fees")	1.00
Reinstatement fee, charged each student who is reinstated after suspension for delinquency in fees	5.00
Residence fee, charged each student wishing to maintain continuous registration during any term of absence from the University	12.00
For special physical examination	2.00
Student Bar Association fee, charged each student in the Law School for each term or any part thereof except the summer term	2.00
For examinations to qualify for advanced courses and for all special examinations	11.00

Registration in the University entitles each student to the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under the Department of Health Administration. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dismissed from the University.

PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, the student may sign a contract for term charges, except for fees payable in advance, permitting payments as follows:

Fall Term.—One third at the time of registration; one third on November 3; one third on December 3.

Winter Term.—One third at the time of registration; one third on March 3; one third on April 5.

A student who fails to meet payments when due, but who pays his fees on or before the tenth day of the month in which payment is due, is charged a service fee of \$1. A student who fails to meet payments by

the tenth day of the month in which payment is due will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5.

A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the dean of the college, school, or division in which the student is registered.

An auditor pays all fees chargeable to the student registered for credit except the late-registration fee.

WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the dean of the college, school, or division in which the student is registered. Notification to an instructor is not an acceptable notice (see "Withdrawal", pages 35 and 36).

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

Fall Term.—Withdrawal dated on or before October 31, cancellation of the second and third payments; withdrawal dated on or before December 1, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to December 1.

Winter Term.—Withdrawal dated on or before February 28, cancellation of the second and third payments; withdrawal dated on or before March 31, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to March 31.

In no case will any part of an initial payment of fees be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

Any student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, will be charged a checkout fee in the amount of \$2.00. A student who drops a course before the end of the term must check out of the laboratory at the next regular laboratory period.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.

FELLOWSHIPS, SCHOLARSHIPS, PRIZES, LOANS

FELLOWSHIPS

The following fellowships are available to graduate students. Applications should be submitted for consideration not later than April 1 preceding the period for which the fellowship is to be awarded.

The applicant for a University Teaching Fellowship or a Special Fellowship is expected to be a prospective candidate for the degree of Doctor of Philosophy, and to have the Master of Arts degree, or the equivalent, in the general field of his future doctoral study and research. Forms on which to make application for these fellowships may be obtained from the Chairman of the Graduate Council.

University Teaching Fellowships.—These are assigned for the academic year 1947-48 in the following departments of instruction: Bacteriology, Biochemistry, Botany, Chemistry, Economics, English, History, Physics, Psychology, Romance Languages, and Statistics. Each fellow receives a stipend of \$600, plus full tuition in the Graduate Council for whatever schedule of study or research his fellowship duties permit him to carry. The occupant of each of these fellowships renders a designated unit of service to the department of instruction in his major field of doctoral study, usually in classroom or laboratory assignments.

Special Fellowships.—A number of special fellowships are supported by endowment, and are awarded to doctoral students of unusual promise and ability. The stipend is not fixed but varies in amount with the need of the individual receiving the award. In applying for one of these fellowships it is advantageous that the student appear personally for an interview with the Chairman and such other members of the graduate Council as would be interested in the research investigations proposed. These fellowships include the following:

Isabella King Research Fellowship.—Of the value of \$1,200 annually, offered in the general field of biology, and intended to foster research for which the libraries and scientific establishments in Washington provide special facilities.

Thomas Bradford Sanders Fellowships.—Established by Miss Addie Sanders in memory of her brother, Thomas Bradford Sanders, and offered in various academic fields of study, with stipends designated by the Chairman of the graduate Council.

SCHOLARSHIPS

Scholarships are awarded for two terms unless otherwise specified and are credited in equal parts for each term. Each holder must carry a full schedule of academic work (fifteen credit hours or in the professional

schools the full prescribed schedule) during the period for which the scholarship is awarded. Except in the case of the Columbian Women's Scholarships, the High School Scholarships, the Order of the Eastern Star Scholarship, and the Trustee Scholarships, applicants must have established an academic record in courses at this institution and should apply on prescribed forms which must be filed in the Office of the Registrar not later than May 1 preceding the academic year for which the scholarship is to be awarded. Further information may be obtained from the Registrar of the University.

American Foundation for Pharmaceutical Education.—These two scholarships, established by the American Foundation for Pharmaceutical Education in the amount of two hundred dollars (\$200) each, are awarded on recommendation of the Faculty of the School of Pharmacy to competent and promising applicants in need of support to pursue the professional collegiate study of pharmacy.

Byron Andrews Scholarships.—Three scholarships, in the amount of \$100 each, established in 1920 by Mrs. Belle Fisk Andrews in memory of her husband, Byron Andrews, are available "for ambitious and needy students, who desire to pursue courses in English, Latin, journalism, history, literature, or political science".

Emma K. Carr Scholarships.—Four scholarships in the amount of \$300 each and twelve in the amount of \$100 each, established in 1932 by Mrs. Emma K. Carr, are awarded annually to "young men (of the white race) for undergraduate or postgraduate work, considering character, capacity, and need".

Henry Harding Carter Scholarships.—These three scholarships, established in 1896 by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, are of the annual value of \$50 each and may be awarded to deserving students who are preparing for the civil-engineering profession.

Maria M. Carter Scholarship.—This scholarship, in the amount of \$30 to be awarded annually to a young man, was given to the University in 1871 by Mrs. Maria M. Carter.

Isaac Davis Scholarship.—This scholarship, in the amount of \$30 to be awarded annually, was given to the University in October 1869 by the Honorable Isaac Davis, of Massachusetts. Nominations for the scholarship may be made "by the founder or his eldest lineal descendant". In case no such nomination is made, the scholarship is to be awarded by the University.

Charles Worthington Dorsey Memorial Scholarship.—This scholarship, established as a memorial to Charles Worthington Dorsey, Bachelor of Laws, '81, Master of Laws, '82, is awarded upon the recommendation of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor

of Arts or other equivalent degree, who has maintained an average of *B* as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of *B*. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

Robert Farnham Scholarship.—This scholarship, in the amount of \$30 to be awarded annually to a student in Columbian College, was given to the University in 1871 by Mrs. Robert Farnham.

Elma Lewis Harvey Scholarship.—This scholarship, of the annual value of \$200, was founded in 1921 by Mrs. Emma Elizabeth Harvey in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young woman student in Columbian College of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

High School Scholarships.—Two University scholarships for study in the liberal arts, one for a man student, the other for a woman, are assigned for award to each of the following schools: Anacostia, Central, Coolidge, Eastern, McKinley, Roosevelt, Western, and Woodrow Wilson High Schools (District of Columbia); Bethesda-Chevy Chase High School (Maryland); Washington-Lee and George Washington High Schools (Virginia). The *Amos Kendall Scholarship*, established by the late Honorable Amos Kendall, is one of the two assigned to the Central High School. Each of the above scholarships is awarded annually, on the recommendation of a committee consisting of the Dean of the Junior College of The George Washington University, the principal of the high school concerned, and an alumnus of both the high school and the University, to a member of the graduating class who intends to enter the Junior College and to continue in Columbian College. A principal and an alternate may be recommended.

The holders of these scholarships are exempt from tuition fees, but are charged the University fee, laboratory, graduation, and other fees. The scholarships are valid for eight terms. Beginning with the summer of 1942 the University expanded its program to permit a student to accomplish, during the summer, the work of a full term. As long as this accelerated program is in force, the high school scholarships may be used during the summer which becomes a part of the regular academic year. In any case they must be used for no less than two terms during a calendar year. The principal, or, if the principal declines, the alternate, must register in either June or September following the award.

To retain any high school scholarship a student must carry a full program of study in the liberal arts (a full program being defined as at least fifteen hours of work each term), unless otherwise determined in

individual cases by the Committee on Student Loans and Scholarships upon recommendation of the dean of the college concerned. An average of *B* and a high standard of deportment must be maintained. After registering, the holder of a high school scholarship is expected to complete four academic years in the University. If he fails to continue its use, the scholarship will not be reassigned.

A. Morehouse Scholarship.—This scholarship was established by Mr. A. Morehouse, in 1861. It carries an annual stipend of \$45, which is available for an undergraduate "intending to enter the Christian ministry."

Newspaper Scholarships.—Four scholarships are to be awarded each year to candidates recommended by the following newspapers: *The Washington Daily News*, *The Washington Post*, *The Evening Star*, and *The Times-Herald*. These scholarships cover tuition for four years, but do not include the University fee, laboratory fees, graduation fee, or other special fees.

Order of the Eastern Star Scholarship.—This scholarship in the amount of \$125 was established by the Order of the Eastern Star of the District of Columbia and is to be awarded to a woman of the order or to a daughter of a member in good standing.

Paul Pearson Scholarship.—This scholarship, established in 1940 by bequest of Paul Pearson and "to be known as the Dr. Paul Pearson award", is in the amount of \$85 to be awarded annually to a student in the School of Pharmacy.

Lula M. Shepard Scholarship.—This scholarship, established in 1902 by bequest of Lula M. Shepard, is in the amount of \$300 and is awarded annually to a "worthy Protestant student desiring to enter the Foreign Service Department of the School of Government".

David Spencer Scholarship.—This scholarship of approximately \$200 was established in 1918 by Miss Louisa J. Spencer.

Mary Lowell Stone Scholarship.—This memorial scholarship, established in 1893 is in the amount of \$60, to be awarded annually to a woman student of science in Columbian College.

Charles Clinton Swisher Scholarship.—This scholarship, established in 1941 by the late Professor Charles Clinton Swisher, is in the amount of \$300 and is awarded annually to a student of medieval history.

Trustee Scholarships.—Five scholarships are awarded each year, upon the recommendation of regional alumni clubs, to outstanding male graduates of accredited high schools. The scholarships cover tuition costs for four terms of full-time work but do not include the University fee, special fees such as laboratory charges, room, board, or other expenses. To retain the scholarship, the student must maintain a *B* average. Additional information may be obtained from the Alumni Secretary.

William Walker Scholarship.—This scholarship was established in 1882 by William Walker, Esq. It carries an annual stipend of \$75, which

is available for an undergraduate intending to enter the Christian ministry.

John Withington Scholarship.—This scholarship was established in 1830 by the New York Baptist Theological Seminary. It has an annual stipend of \$60.

Ellen Woodhull Scholarship.—This scholarship, established by the late Ellen M. E. Woodhull, is in the amount of \$20, to be awarded annually to a student in Columbian College.

THE COLUMBIAN WOMEN SCHOLARSHIP FUNDS

The Columbian Women Scholarships are awarded by the Scholarship Committee of the Columbian Women. Applications for these scholarships should be addressed to the Chairman of the Scholarship Committee, the Columbian Women, The George Washington University, Washington 6, D.C., not later than May 15 preceding the academic year for which the scholarship is to be awarded; or, in the case of award for the winter term, not later than January 1.

Nellie Maynard Knapp Scholarship Fund.—The income from this fund of \$5,000, established in 1915 in memory of a former president, Mrs. Martin A. Knapp, is available for scholarships for women.

Founders of Columbian Women Scholarship Fund.—The income from this fund of \$5,000, established in 1920, is available for scholarships.

Lillian Young Herron Scholarship Fund.—The income from this fund of \$5,000, established in 1925 and named in 1930 in memory of a former president, is available for scholarships.

Elizabeth V. Brown Scholarship Fund.—This fund of \$1,200 was established in 1925 by the College Women's Club of Washington, D.C., in memory of the late Elizabeth V. Brown. The scholarship granted thereunder is available for a woman student in the School of Education.

College Women's Scholarship Fund.—The income from this fund of \$500, established in 1926 through the courtesy of the College Women's Club of Washington, D.C., is available for scholarship aid.

Lewes D. and Myrtie H. Wilson Memorial Scholarship Fund.—This fund of \$1,000 was established by Miss Elizabeth Wilson in 1926 as a memorial to her parents, Lewes D. and Myrtie H. Wilson. The income is available for a scholarship in the School of Medicine.

Grace Ross Chamberlin Scholarship Fund.—The income from this fund of \$2,300, established in 1932 in honor of a former president, is available for scholarship aid.

PRIZES

Alpha Chi Sigma Prizes.—Alpha Pi Chapter of Alpha Chi Sigma Fraternity offers annually the following prizes:

A "Handbook on Chemistry and Physics" is awarded to each of the

three students who carry at least eighteen credit hours during the freshman year and attain the highest averages in freshman chemistry.

The name and year of graduation of the student who has attained the highest quality-point index in courses in chemistry will be inscribed on a bronze plaque. The winner of this award will have had at least sixteen hours of chemistry including the final semester at The George Washington University.

Alpha Delta Pi Prize.—Alpha Pi Chapter of Alpha Delta Pi Fraternity offers an annual prize of \$10 to the woman member of the junior class, with the most outstanding record in scholarship, extra-curricular activities, and service to the University.

Alpha Kappa Psi Prize.—Beta Mu Chapter of Alpha Kappa Psi Fraternity awards annually a medallion to the male student who has completed ninety credit hours at The George Washington University and has attained the highest average grade of the students enrolled in economics, business administration, public accounting, public finance, and foreign commerce.

American Institute of Chemists Prize.—The District of Columbia Chapter of the American Institute of Chemists offers an annual prize of a medal and junior membership in the American Institute of Chemists to that graduating student, majoring in chemistry, who excels in scholarship and in the personal qualities of integrity and leadership.

Byrne Thurtell Burns Memorial Prize.—This prize, in the amount of \$30, is awarded to the senior majoring in chemistry who shows the greatest proficiency in organic chemistry, as evidenced by a comprehensive examination, and who possesses such qualifications of mind, character, and personality as to give promise of future achievement.

Chi Omega Prize.—Phi Alpha Chapter of Chi Omega Fraternity offers annually a prize of \$25 to be awarded to the woman student in the graduating class with the highest record in the following social sciences: economics, sociology, political science, and history; combined with general excellence.

Colonial Dames Prize.—The Society of the Colonial Dames of America, Chapter III, offers annually a medal to be awarded to the student who, having maintained a record of distinction in American history, submits the best essay upon a topic in Colonial history.

John Henry Cowles Prizes.—These prizes, founded in 1943 by John H. Cowles, Grand Commander of the Supreme Council of the Thirty-third Degree (Mother Council of the World) of the Ancient and Accepted Scottish Rite of Freemasonry, Southern Jurisdiction of the United States of America, are awarded annually to the two best scholars in the senior class of the School of Government. The prizes are as follows: first prize, \$60; second prize, \$30.

DeWitt Clinton Croissant Prize.—This prize, established by the late Professor DeWitt Clinton Croissant, consists of \$30, which is awarded annually to the undergraduate student who as a member of one of the University courses in drama or as a participant in University dramatics submits to the English Department the best essay on drama or the theatre.

E. K. Cutter Prize.—The E. K. Cutter Prize in English was established by the late Marion Kendall Cutter "for excellence in the study of English". An annual prize of \$35 is awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude for and attainment in English studies.

Daughters of the American Revolution Prize.—This prize, established by the Daughters of the American Revolution of the District of Columbia, consists of \$15, which is awarded annually to the student who, having maintained a record of distinction in American history, submits the best essay upon a topic in the period of the American Revolution.

Isaac Davis Prizes.—These prizes, established by the Honorable Isaac Davis, of Massachusetts, in 1847, are awarded annually to such members of the senior class as shall have made the greatest progress in public speaking during their connection with the University. The prizes are as follows: first prize, \$15; second prize, \$10; third prize, \$5.

The award of these three prizes is determined by a public-speaking contest in which the participants deliver original orations. Only members of the senior class who are candidates for the degree of Bachelor of Arts or Bachelor of Science are eligible to compete.

William Thornwall Davis Prize.—This prize, established by the late Dr. William Thornwall Davis and consisting of monographs dealing with the field of ophthalmology, is awarded annually to the student doing the most outstanding work in ophthalmology.

Delta Gamma Prize.—The District of Columbia Alumnae Chapter of Delta Gamma offers annually a prize of \$25, to the woman in the graduating class who has achieved the highest scholastic average in her four-year college course.

Delta Zeta Prize.—Delta Zeta Sorority offers annually a prize of \$10, to be awarded to the student maintaining the highest average in the first year's work in botany.

Ellsworth Prize.—The Ellsworth Prize of \$25, established by the late Mr. Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

Elton Prize.—The Elton Prize, established by the Reverend Romeo Elton, of Exeter, England, consists of \$10, awarded annually to the senior student having the highest average in the Greek language and literature.

Joshua Evans III Prize in the Political and Social Sciences.—This

memorial prize in the amount of \$30, "established by friends because of an outstanding life", is awarded annually to that man in the graduating class of The George Washington University "who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows". The selection of the recipient will be made by the President of the University and a committee from the Faculty of the Division of the Social Sciences.

Willie E. Fitch Prize.—The Willie E. Fitch Prize established in 1883 by James E. Fitch, Esq., in memory of his son, consists of \$40, which is awarded annually to a senior student for the best examination in chemistry.

Alice Douglas Goddard Prize.—This prize of \$35 was established in 1941 by Frederick Joseph Goddard of Georgetown, D.C., in memory of Alice Douglas Goddard, and is awarded annually to the upper division student making the highest average in American literature.

Edward Carrington Goddard Prize.—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Edward Carrington Goddard, class of '81, and is awarded to the junior or senior student making the highest average in the French language and literature.

James Douglas Goddard Prize.—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of James Douglas Goddard, class of '01, and is awarded to the senior student making the highest average in pharmacy.

Morgan Richardson Goddard Prize.—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Morgan Richardson Goddard, and is awarded to the junior or senior student making the highest average in the following fields: economics, business administration, foreign commerce, and public accounting.

The Gardiner G. Hubbard Memorial Prize in United States History.—This prize of \$40 was established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard, and is awarded annually to that member of the graduating class majoring in history who has maintained the highest standing in courses in United States history.

Kappa Kappa Gamma Prize.—Kappa Kappa Gamma Sorority offers annually a prize of \$10 to the full-time freshman who achieves the best record in Botany 1 and 2.

John Bell Larner Prize.—This prize, established by the bequest of

John Bell Larner, consists of a medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

Mortar Board Prize.—This prize, consisting of a silver cup, is awarded annually to the woman student in the sophomore class having a scholarship average of B or higher and the most outstanding record in activities.

Omicron Delta Kappa Prize.—Alpha Delta Circle of Omicron Delta Kappa Fraternity offers annually a plaque to be awarded to "that member of the senior class (of Columbian College) who throughout his course has done the most constructive work in the furtherance and upbuilding of the University student activities".

John Ordronaux Prizes.—These prizes were established in 1909 by the bequest of John Ordronaux.

The amount of \$70 is awarded to the member of the graduating class in the School of Medicine who has the highest scholastic standing.

The amount of \$35 is awarded annually to the student in the Law School who has attained the highest average grade in the first year, full-time, regular course; and \$35 to the student who has attained the highest average grade in the second-year, full-time, regular course.

Phi Eta Sigma Prize.—The George Washington University Chapter of Phi Eta Sigma offers each year to the male student attaining the highest scholastic average in his first full term of work, a choice book selected from the field of the recipient's major interest. The winner's name will be engraved on a plaque in the Office of the Dean of the Junior College.

Phi Sigma Kappa Prize.—Phi Sigma Kappa Fraternity offers annually a silver cup to the winner of an oratorical contest, open to all freshmen.

Pi Beta Phi Prize.—A prize of \$20 is awarded annually by the District of Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the senior class who throughout her college course has done the most constructive work in the promotion of student activities among the women of the University.

Pi Lambda Theta Prize.—Alpha Theta Chapter of Pi Lambda Theta Fraternity offers an annual prize of \$25 to the student who produces the most meritorious Master's thesis in education.

Ruggles Prize.—The Ruggles Prize, established by Professor William Ruggles in 1859, consists of \$15 awarded annually to a candidate for a baccalaureate degree for excellence in mathematics.

Sigma Kappa Prize.—Zeta Chapter of Sigma Kappa Sorority offers an annual prize of \$10 to the student who passes the best examination in General Chemistry.

Sigma Tau Prize.—XI Chapter of Sigma Tau Fraternity offers annually a medal to be awarded to that member of the freshman class in

the School of Engineering who maintains the highest scholastic standing in the work of the entire year.

Staughton Prize.—The Staughton Prize, established by the Reverend Romeo Elton, consists of \$10 awarded annually to the senior student making the best record in the Latin language and literature.

James MacBride Sterrett, Jr., Prize.—This prize, established in 1911 by Professor James MacBride Sterrett in memory of his son, consists of books awarded annually to that student who obtains the highest average in Physics 6, 7, and 8.

Charles Clinton Swisher Historical Club Prize.—This prize, established in 1936 by the Charles Clinton Swisher Historical Club and augmented in 1942 by the bequest of the late Professor Charles Clinton Swisher, is an annual prize of \$30 awarded to the student who submits the best essay covering some phase of medieval history.

Theta Tau Activities Plaque.—Gamma Beta Chapter of Theta Tau Fraternity offers annually a plaque to be awarded to that member of the senior class who has the most outstanding record in activities in the School of Engineering during the entire period of his attendance.

United Daughters of the Confederacy Prize.—This prize, established in 1946 by the General Lewis A. Armistead Chapter, number 2136, United Daughters of the Confederacy, consists of \$25, which is awarded annually to the student showing the greatest proficiency in the history of the Southern States.

Thomas F. Walsh Prize.—This prize, established in 1901 by Thomas F. Walsh, consists of \$30 awarded annually to that student who submits the best essay in Irish history.

Alexander Wilbourn Weddell Prize.—From a fund established in 1923 by Mrs. Virginia Chase Weddell, an annual prize of \$150 is awarded to a candidate for a degree who writes the best essay on the subject of "the promotion of peace among the nations of the world". The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

LOAN FUNDS

The following loan funds are available to students in the University in accordance with the qualifications placed thereon by the donors. Inquiries should be directed to the Office of the Comptroller.

University Student Loan Fund.—The Trustees of The George Washington University have established a loan fund amounting to \$10,000.

Daughters of the American Revolution Loan Fund.—The District of Columbia Chapters of the Daughters of the American Revolution have

established an endowment fund of \$5,000, the income (\$2,294.57) of which is available for interest-bearing loans to descendants of patriots of the American Revolution.

Henry Strong Educational Foundation.—The Henry Strong Educational Foundation, established at Chicago under the will of General Henry Strong, makes available a fund for loans to both men and women students under the age of twenty-five years.

Henry Strong-William A. Maury Loan Fund.—This fund, also allocated from the funds of the Henry Strong Educational Foundation, is to be loaned to students under the age of twenty-five years in the George Washington University Law School.

Home Economics Loan Fund.—This fund in the amount of \$244.35, contributed by the D. C. Home Economics Association, is available for loans to senior girls majoring in Home Economics.

Kellogg Medical School Loan Fund.—The W. K. Kellogg Foundation in Battle Creek, Michigan, has established a fund for loans to students in the School of Medicine.

Kellogg Medical Technology Loan Fund.—This fund, also contributed by the W. K. Kellogg Foundation, in the amount of \$1,000 is available for loans to medical technologists.

Knights Templar Educational Loan Fund.—This fund, contributed and administered by the Grand Commandery of Knights Templar of the District of Columbia, is available for loans to students, preferably in the upper classes, who are residents of the District of Columbia.

Law Association Loan Fund.—The George Washington Law Association has established a loan fund in the amount of \$768 for loans to students in the School of Law.

Sutherland Medical School Loan Fund.—This fund, in the amount of \$1,175 and established by Mrs. Rose L. Sutherland, is available for loans to students in the School of Medicine.

REGULATIONS

A student enrolled in the University is required to conform to the University regulations and to comply with the rules and regulations of the college, school, or division in which he is registered.

If a student knowingly makes a false statement or conceals material information on an application for admission, registration card, or any other University document, his registration may be canceled and he will be ineligible (except by special action of the Faculty) for subsequent registration in any unit of the University.

ATTENDANCE

A student is not permitted to attend classes until registration has been completed and fees due have been paid. Regular attendance is required. A student may be dropped from any course for undue absence. Tuition will not be refunded or reduced because of non-attendance.

A student who has been suspended, either for delinquency in payment of fees or for any other reason, is not permitted to attend classes during the period of suspension.

For further regulations regarding attendance, consult the announcements of the several colleges and schools.

CONTINUOUS REGISTRATION

A student who withdraws or is suspended, or is otherwise absent from the University for one term or more, may re-enter and continue his work only under the rules and regulations in force at the time of his return. With the approval of the dean of the college or school concerned, a student may be granted leave of absence; such student should, however, remain technically in residence by paying the residence fee for each term he is absent.

For the purpose of this regulation, the summer sessions will not be considered a term.

SCHOLARSHIP REQUIREMENTS

A student who fails to maintain the scholarship requirements of the college, school, or division in which he is registered may be dismissed from the University.

GRADES

Grades are not given out by instructors but are mailed to the student through the Office of the Registrar at the close of each term. Upon request, a copy of the student's grades will be forwarded to his parent or guardian.

The following grading system is used: *A* (90-100 per cent), excellent; *B* (80-89 per cent), good; *C* (70-79 per cent), average; *D* (60-69 per cent), passing; *E*, conditioned, not passing; *F* (below 60 per cent), failing; *Inc.*, incomplete; *W*, withdrawn. *W* is followed by a letter grade indicating the quality of work the student was doing at the time of withdrawal. (See "Withdrawal", below.) A course failed must be repeated with a passing grade in order to be credited. No student may repeat for credit a course in which he has received a grade above *E*, without the permission of the faculty of the college, school, or division in which he is registered. A condition may be removed within one year on terms specified by the instructor, but in no case will a final grade above *D* be given unless the course is repeated in class. A grade of "incomplete" cannot be altered after the lapse of one calendar year except by action of the Faculty.

For graduate work, grades are indicated as "satisfactory", "unsatisfactory", or "incomplete".

For the grading systems of the Law School and the School of Medicine, see the explanations in the announcements of those schools.

QUALITY-POINT INDEX

Quality points are computed from grades as follows: *A*, four points; *B*, three points; *C*, two points; *D*, one point; *E* and *F*, no points, for each credit hour for which the student has registered.

Scholarship is computed in terms of the quality-point index, obtained by dividing the number of quality points by the number of credit hours for which the student has registered, both based on the complete collegiate record. Courses marked *W* or *Inc.* are not considered in determining the index.

EXAMINATIONS

Examinations are scheduled in all courses at the end of each term or at the completion of the course.

A student guilty of dishonesty in examinations may be deprived of credit for the courses in which dishonesty occurs and may be dismissed from the University.

For further regulations regarding examinations, consult the announcements of the several colleges, schools, and divisions.

WITHDRAWAL

A student who is obliged to withdraw from the University or from a course must immediately notify the dean of the college, school, or division in which he is registered.

Withdrawal from a course or from the University, without academic or financial penalty, requires the permission of the dean. Permission

to withdraw from the University will not be granted a student who has not a clear financial record. (See "Fees and Financial Regulations", pages 20-22.)

Withdrawal between October 31 and the end of the fall term and between February 28 and the end of the winter term is permitted only in exceptional cases.

ACADEMIC AND FINANCIAL PENALTIES

The grade of F (failing) will be given in a course dropped without the approval of the dean.

All charges for courses dropped without the approval of the dean must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.

CHANGES IN PROGRAM OF STUDIES

A student may not change or drop (see "Withdrawals", above) courses or change his status to that of auditor except with the approval of the dean of the college, school, or division in which he is registered, upon presentation of adequate reasons for such changes.

Change from one section to another of the same course or from one major subject to another within the same college or school may be made with the approval of the dean. All requirements specified in the course of study to which the change is made must be satisfied before graduation.

Transfer from one college, school, or division to another may be made only with the approval of the deans concerned. Applications for such change should be made on the proper form, obtainable in the Office of the Director of Admissions, where it should be filed.

CREDIT

Credit toward a degree is given only after regular registration for and satisfactory completion of the required work of classes in the University, or upon the granting of advanced standing in accordance with the regulations of the several colleges, schools, and divisions.

On request the Registrar will issue to the student a balance sheet showing the amount of work completed and the amount necessary to complete the requirements for a degree.

In special instances, with the permission of the instructor, a person may be registered as an "auditor" in a class. An auditor is not required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

TRANSCRIPTS OF RECORD

Official transcripts of student records will be forwarded on request to other institutions. Unofficial copies of records will be issued to the student on request. No charge is made for the first three transcripts; a fee of one dollar is charged for each one thereafter. No certificate of work done will be issued for a student who does not have a clear financial record.

SUMMER SCHOOL CREDIT

A student who plans to attend summer school sessions at another institution with the intention of having credits so obtained apply toward graduation from this University must first secure the written approval of the dean of his college or school. In no event will such credits be recognized to an amount in excess of that which might be earned in a similar period in this institution.

PHYSICAL EDUCATION REQUIREMENTS

Students in the Junior College and freshmen and sophomores in the School of Engineering are required to take Physical Education 1-2 and 11-12 unless they are registered for less than 9 credit hours or unless regular employment during the day makes it necessary to take all classes during the late afternoon hours.

Any other exemptions will be granted only upon written application which has been recommended by the physical education department concerned and approved by the dean of the college or school in which the student is registered.

A student entering the University with advanced standing is not exempt from the physical education requirements unless he has satisfactorily met the requirements elsewhere. Courses in military training are not accepted in satisfaction of these requirements.

The required medical and physical examinations, as specified by the departments of physical education, will be arranged at the time of registration.

GRADUATION REQUIREMENTS

To be recommended for graduation a student must have met the admission requirements of the college or school in which he is registered, completed satisfactorily the scholarship, curriculum, residence, and other requirements for the degree for which he is registered, and be free from all indebtedness to the University.

Application for Graduation.—Applications for a degree should be filed in the Office of the Registrar at the time of registration for the first

term of the senior or final year and may not be filed later than the date specified in the University calendar.

Scholarship.—In all undergraduate divisions of the University the scholarship requirement for graduation is a quality-point index of at least 2.00.

The graduate student must meet the scholarship requirements for the particular degree for which he is registered.

Curriculum.—Curriculum requirements for each degree are stated under the college or school offering work in preparation for the degree.

Residence.—In all undergraduate divisions of the University (except the Junior College where fifteen credit hours are ordinarily required) a minimum of one year, or thirty credit hours, must be completed in residence. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the dean of the college or school concerned to pursue work elsewhere, the work of the senior or final year must be completed in residence.

The graduate student must meet the residence requirements for the particular degree for which he is registered.

Attendance and Conduct.—The University reserves the right to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

Thesis or Dissertation.—A thesis or dissertation submitted in partial satisfaction of requirements for the Master's degrees, the professional degrees in engineering, the degree of Doctor of Education, or the degree of Doctor of Philosophy must be presented in its final form to the dean of the college or school concerned not later than the date specified in the University calendar. Three* copies of each thesis or dissertation are required, one typewritten original and two legible and complete carbon copies. Detailed instructions for the styling of all theses and dissertations should be obtained from the appropriate dean.

Accepted theses and dissertations, with accompanying drawings, become the property of the University and are deposited in the University Library where the duplicate copies are bound and made available for circulation. Permission to publish or adapt material in the thesis or dissertation must be secured from the appropriate faculty.

Presence at Graduation.—A candidate is required to be present at the graduation exercises unless written application for graduation *in absentia* is approved by the dean of his college or school.

HONORS

With Distinction.—In all undergraduate divisions of the University the degree may be conferred "with distinction", at the discretion of the

* In the School of Education, four copies.

Faculty, if a student attains a quality-point index of 3.50 or higher on all work taken at this institution except that taken during the term immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one-half of the work required for the degree.

Special Honors.—Special honors may be awarded by the Faculty to any member of the graduating class for outstanding achievement in the student's major field of work on recommendation of the major department, under the following regulations:

1. The student must have his candidacy for special honors approved by the faculty member representing the major department not later than the beginning of the senior year.

2. The student must meet such other conditions as the major department may set at the time his candidacy is approved.

3. No student will be awarded special honors unless he has a quality-point index of at least 3.00 on all work taken at this institution except that taken during the term immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one-half of the work required for the degree.

THE LIBRARY

A student registered in the University is entitled to the reference use of the University Library. The University Membership Card, issued upon the payment of fees, must be presented as identification.

Library books, with the exception of those in the Law and Medical collections, may be drawn for home use for a period of two weeks. Any book which does circulate is subject to recall by the Librarian at any time. Reserve books and periodicals for collateral reading must be used in the reading rooms when the Library is open. With special permission they may be drawn for overnight use when the Library closes. A fine of twenty-five cents will be charged for the first hour or fraction of an hour and five cents for each hour or fraction thereafter that a reserve book is overdue. Grades of a student will be withheld until his library record is clear.

HOURS

The University Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

The Law Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

The Medical Library is open from 9:00 A.M. to 5:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.).

The right is reserved by the University to dismiss or exclude any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

The University and its various colleges, schools, and divisions reserve the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine.

CURRENT OPERATING EVIDENCE (Continued)

VETERANS EDUCATION

A Veterans Office has been established at The George Washington University, in Building Q, which operates as a service bureau for veterans interested in studying at the University and acts in a liaison capacity between the University and the Veterans Administration. Here advice will be given concerning the educational program of the University and the procedure for securing the educational benefits of the "GI Bill".

Veterans who are undecided concerning vocational plans will be referred to the Counseling Center for expert vocational guidance by experienced counselors and psychometrists.

Special bulletins on veterans educational opportunities at The George Washington University may be obtained from the Admissions Office.

AUTHORIZATION FROM THE VETERANS ADMINISTRATION

Prior to registration the veteran should obtain from the Regional Office of the Veterans Administration, 1825 H Street NW., a Certificate of Entitlement or, if entitled to vocational rehabilitation, a letter approving training under Public Law 16 for presentation to the Veterans Office of the University at the time of registration. A photostatic copy of separation papers must accompany the application for certification.

ADMISSION

For veterans who are deficient in their regular requirements for admission, but who have been found by educational and psychological tests to be able to undertake college work, the University has made certain modifications in the entrance requirements. (For admission procedure, see pages 10-18.)

Advanced Standing.—To receive credit for service schools, veterans should submit to the Director of Admissions photostatic copies of service records indicating courses successfully completed with sufficient identification of the course to enable the Admissions Office to locate it in the Guide to the Evaluation of Educational Experience in the Armed Forces.

CONTINUOUS REGISTRATION

By carrying a continuous program throughout the fall, winter, and summer terms, the veteran may complete a four-year college course in three calendar years with no interruption in his subsistence payments.

STUDENT LIFE

RELIGIOUS LIFE

The University recognizes the contribution that religion can make to the education of its students by encouraging them to participate in denominational clubs of their own choice. National Catholic, Hebrew, and Protestant bodies sponsor these religious organizations, which act as links between the University and the local churches. The Director of the University Chapel and the advisers to the various denominational organizations are available throughout the year for consultation on personal problems.

UNIVERSITY CHAPEL

The University Chapel is maintained as a non-sectarian expression of the faith of the University in the contribution that religion can make to the education of its students. Twenty-minute services are held Friday of each week at 12:10 P.M. Representative clergymen of Washington are guest speakers at these non-denominational services.

HEALTH ADMINISTRATION

The University maintains a hospital and a staff of medical officers with offices at the University.

Students are entitled to certain health services described under the Department of Health Administration.

LIVING ACCOMMODATIONS

Women Students.—Women students under twenty-one years of age who are enrolled for twelve or more credit hours of academic work in the University must have their residences approved by the Director of Activities for Women before their registrations can be completed. In the women's residence halls, single rooms with breakfast and dinner are \$60 and \$65 a month; double rooms, with the same service, are \$53 and \$58 a month a person. Applications for rooms should be made well in advance. Forms for application, together with detailed information, may be obtained from the Director of Activities for Women.

Men Students.—A limited number of single and double rooms are provided for men students in temporary dormitories. Residence is restricted to veterans of World War II who are enrolled for a minimum of twelve credit hours of academic work in the University. Vacancies will be filled

from the list of applicants in accordance with the date of application. Single rooms are \$17 and \$18 a month; double rooms are \$12 and \$13 a month a person. Forms for application for room reservation may be obtained from the Director of Activities for Men.

Information concerning private rooming and boarding facilities near the University for women students twenty-one years of age or older and for men students may be obtained at the offices of the Director of Activities for Women and the Director of Activities for Men, respectively. The reservation of rooms in private houses must be made by students.

PLACEMENT OFFICE

The Placement Office, in Columbian House, is maintained to assist graduates in finding positions for which their college work has prepared them.

STUDENT EMPLOYMENT

In addition an employment service is operated to assist the self-supporting student in finding full- or part-time employment.

The prospective student who expects to earn any part of his expenses and who does not have a definite appointment to a position before coming to Washington should have the means of support for at least one term.

Many out-of-town students secure positions in the departments of the Government in Washington by taking the United States Civil Service examinations in their home states.

VOCATIONAL COUNSELING

The Washington Counseling Center, established by the University, is at 720 Twentieth Street NW. The Center offers educational and vocational counseling service, advice on social and personal problems, a psychometric service in tests and measurements, and the use of files of occupational information and training opportunities.

STUDENT ACTIVITIES

Control and administration of all student activities are outlined in a separate bulletin.

ELIGIBILITY FOR STUDENT ACTIVITIES

Any student registered in The George Washington University who has a general average of not less than C (2.00) is eligible to participate in non-athletic student activities, subject to conditions specified by

the local or national organizations, approved by the Student Life Committee.

The rules and policies of the Southern Conference govern participation in inter-collegiate athletics.

RECOGNITION OF STUDENT ORGANIZATIONS

No student club or society (except social fraternities, sororities, scholastic honor societies, religious or professional clubs or societies) organized as a branch or affiliate of a non-George Washington University organization will be recognized by the Committee on Student Life.

PROPERTY RESPONSIBILITY

The University is not responsible for the loss, in any University building, of personal property belonging to a student.

For further information, catalogues, and application blanks, address the Director of Admissions.

THE COLLEGES, SCHOOLS, AND DIVISIONS

STUDENT OPERATING EVIDENCE (Continued)

THE JUNIOR COLLEGE

THE FACULTY AND STAFF OF INSTRUCTION *

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
 Myron Law Koenig, Ph.D., *Dean of the Junior College*
 Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*
 ‡William Lewis Turner, A.M., *Assistant Dean in the Junior College*

Thomas Benjamin Brown, Ph.D., *Professor of Physics*
 Henry Grattan Doyle, A.M., *Professor of Romance Languages*
 Norris Ingersoll Crandall, M.Arch., *Professor of Art*
 Edward Henry Schrt, Ph.D., *Professor of German*
 Walter Lynn Cheney, Ph.D., *Professor of Physics*
 Elmer Louis Kayser, Ph.D., *Professor of European History*
 Donnell Brooks Young, Ph.D., *Professor of Zoology*
 Warren Reed West, Ph.D., *Professor of Political Science*
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*
 Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*
 Arthur Edward Burns, Ph.D., *Professor of Economics*
 Merle Irving Protzman, Ph.D., *Professor of Romance Languages*
 Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration*
 Wood Gray, Ph.D., *Professor of American History*
 Florence Marie Mears, Ph.D., *Professor of Mathematics*
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology*
 Ira Bowers Hansen, Ph.D., *Professor of Zoology*
 Paul William Bowman, Ph.D., *Professor of Biology*
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*
 John Withrow Brewer, Ph.D., *Professor of International Law*
 Frances Kirkpatrick, A.M., *Professor of Home Economics*
 Louis Clark Keating, Ph.D., *Professor of Romance Languages*
 William Henry Myers, A.M., *Professor of Physical Education for Men*
 Harold Lorán Geisert, Ph.D., *Professor of Sociology*
 Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*
 Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*
 Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*
 Ernest Sewall Shepard, A.M., *Professor of English*

* The President of the University, the Dean and Assistant Deans in the College, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.
 ‡ On leave of absence 1947-48.

George Winchester Stone, Jr., Ph.D., *Professor of English*
 Charles Watson Bliven, M.S., *Professor of Pharmacy*
 Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*
 Audley Lawrence Smith, Ph.D., *Associate Professor of English*
 Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*
 John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*

Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*

Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
 Irene Cornwell, Ph.D., *Associate Professor of French*
 Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*
 Antonio Alonso, A.M., *Associate Professor of Spanish*
 Charles William Cole, Ph.D., *Associate Professor of American Literature*

Myron Law Koenig, Ph.D., *Associate Professor of American History*
 *Henry Goddard Roberts, A.M., *Associate Professor of Speech*
 Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*
 Wolfram Karl Legner, Ph.D., *Associate Professor of German*
 Calvin Darlington Linton, Ph.D., *Associate Professor of English*
 Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

Charles Edward Gauss, Mus.B., Ph.D., *Associate Professor of Philosophy*
 George Martin Koehl, A.M., *Associate Professor of Physics*
 Lubin Poe Leggette, A.M., *Associate Professor of Speech*
 Robert Dale Campbell, A.M., *Associate Professor of Geography*
 Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*
 Robert Randal Meijer, Ph.D., *Associate Professor of Physics*
 Dorothy Helene Veon, A.M., Ed.D., *Assistant Professor of Secretarial Studies*

Florence Everett Hooper, Ph.D., *Assistant Professor of Chemistry*
 Edith Elizabeth Mortensen, Ph.D., *Assistant Professor of Zoology*
 Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*
 Averett Howard, A.M., *Assistant Professor of English*
 Virginia Loretta Dennis, A.B., *Assistant Professor of Physical Education for Women*

*Dorothy Jeanne Morrow, M.S., *Assistant Professor of Statistics*
 Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*
 Muriel Hope McClanahan, Ph.D., *Assistant Professor of English*
 Calvin Weir Pettit, Ph.M., *Assistant Professor of Speech*
 Robert Corbin Vincent, Ph.D., *Assistant Professor of Chemistry*
 Carey DeWitt Eldridge, Ph.D., *Assistant Professor of Romance Languages*

* On leave of absence 1947-48.

Curtis Edward Tuthill, Ph.D., *Assistant Professor of Psychology*
 Arthur Hoppe, M.S., *Assistant Professor of Education*
 Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*
 Sam Clark Munson, M.S., *Assistant Professor of Biology*
 Paul Edward Hanchett, Ph.D., *Assistant Professor of Economics*
 Edwin Lockwood Stevens, A.M., *Assistant Professor of Speech*
 Martin Steele Day, A.B., *Assistant Professor of English*
 James Harold Coberly, A.M., *Assistant Professor of English*
 Willard Caldwell, Ph.D., *Assistant Professor of Psychology*
 Roderic Hollett Davison, Ph.D., *Assistant Professor of European History*
 George Francis Henigan, Ph.M., *Assistant Professor of Speech*
 Earl Larkin Williams, A.M., *Lecturer in Mathematics*
 Peyton Armstrong Kerr, Ph.D., *Lecturer in Economics*
 Georgette Dupuy Caskie, L.-ès.-L., *Instructor in Romance Languages*
 Phyllis Annette Nichols, A.B., *Instructor in English*
 Rex McLean Guest, Ph.D., *Instructor in Chemistry*
 Vera Lillian Mowry, A.M., *Instructor in English*
 John Palmer Reesing, Jr., A.M., *Instructor in English*
 Nicola Cerri, Jr., A.B., *Instructor in Spanish*
 Jacqueline Marie-Leonie Chevallaz, A.M., *Instructor in French*
 Rafael Supervia, Doctor en Derecho, *Instructor in Spanish*
 John Ettinger Tompkins, A.B., *Instructor in Physics*
 Thomas Arthur Wiggins, B.S. in Ed., *Instructor in Physics*
 James Willard Harkness, B.S., Ed.M., *Instructor in Chemistry*
 Ruth Elsie Jones, A.B., *Instructor in English*
 Felicia Miller, A.B., *Instructor in Spanish*
 Ruth Shryhock Nelson, A.M., *Instructor in English*
 Lillian Martin Schadt, A.M., *Instructor in Zoology*
 William Wilburn, A.M., *Instructor in English*

COMMITTEES •

THE DEAN'S COUNCIL ‡

1948

Charles William Cole
 Ralph Dale Kennedy

1949

Norris Ingersoll Crandall
 Ira Bowers Hansen

1950

Thelma Hunt
 Edith Elizabeth Mortensen

* The President of the University and the Dean of the Junior College are members ex officio of all committees.
 ‡ Elected by the Faculty

COMMITTEE ON ADMISSION AND ADVANCED STANDING

William Lewis Turner, *Chairman*

Elizabeth Fehrer

Charles Edward Gauss

Gretchen Louisa Rogers

Donnell Brooks Young

Averett Howard

COMMITTEE ON SCHOLARSHIP

Katharine Rogers Adams, *Chairman*

Wolfram Karl Legner

Calvin Darlington Linton

Donald Chenoweth Kline

Samuel Nathaniel Wrenn

Kathryn Mildred Towne

JUNIOR COLLEGE ADVISORY STAFF

Myron Law Koenig, *Dean of the Junior College, Chairman*

Katharine Rogers Adams

William Lewis Turner

ADVISERS FOR BACHELOR OF ARTS AND BACHELOR OF SCIENCE CURRICULA

Antonio Alonso, Walter Lynn Cheney, Charles William Cole, Charles Edward Gauss, Florence Everett Hooper, Arthur Hoppe, Francis Edgar Johnston, Edith Elizabeth Mortensen, Richard Norman Owens, Gretchen Louisa Rogers, Lawson Edwin Yocum.

ADVISERS FOR PREPROFESSIONAL CURRICULA

Charles Edward Bish (Education), William Henry Myers (Physical Education for Men), Helen Bennett Lawrence (Physical Education for Women), Kathryn Mildred Towne (Home Economics), Samuel Nathaniel Wrenn (Medicine), Charles Watson Bliven (Pharmacy).

GENERAL INFORMATION

INTRODUCTORY

The Junior College, which comprises the first two years of the standard four-year college program in the liberal arts and sciences, was established in 1930 as a part of the academic reorganization of the University. Prior to 1930, the four-year program had been administered by Columbian College since its organization in 1821.

The Junior College curricula continue the studies of a general cultural nature begun in the secondary schools, and lay a foundation for the more specialized work which is to follow. Emphasis is accordingly laid upon the social, cultural, biological, and physical background of civilization (history, political science, physical and biological sciences, literature,

etc.) and (2) upon the discipline necessary to the effective prosecution of more advanced work (English rhetoric and composition, foreign languages, mathematics, etc.).

The Junior College also provides the preprofessional work required for admission to the schools of Pharmacy, Education, and Government, and the first two years of the preprofessional work required by the schools of Medicine and Law.

In addition it provides two-year curricula in vocational training, leading to the degree of Associate in Arts.

ADVISORY SYSTEM

In order that students may have opportunities for assistance in planning their courses and also for obtaining personal, educational, and vocational advice in every phase of their academic work during the first two years, a number of members of the Faculty serve as advisers to Junior College students.

Members of the Faculty, selected for their knowledge of Junior College requirements and student programs, advise students in making up their programs of study for each term. A separate staff of experienced advisers under the chairmanship of the Dean assists those students who find it difficult to make adjustments to college life because of scholastic or other reasons. Students who are "warned" or who are on probation may be required to consult these advisers at regular intervals. Students are encouraged to consult any member of the Advisory Staff or their instructors about college problems at any time.

Copies of notices of "warning" or probation will be sent to the parents or guardians of students on request, and the Dean and members of the Advisory Staff are available for consultation with parents or guardians concerning student problems.

REGULATIONS

Students in the Junior College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

SCHOLASTIC-APTITUDE TESTS

Students admitted to the Junior College may be required to take the scholastic-aptitude tests of the University.

REQUIRED PLACEMENT EXAMINATIONS

English.—Special placement examinations, required of all entering freshmen, will be conducted by the English Department. Students reg-

istered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the course; those who are inadequately prepared for the course will be assigned to English A.

Romance Languages.—A standardized placement examination will be required of all entering students who wish to continue in college the language begun in high school. Upon completion of the examination assignment will be made to the appropriate course with credit to be assigned on the usual basis. This does not apply to students whose previous experience in a given language is equivalent to two college years.

FIRST- AND SECOND-GROUP COURSES

A Junior College student may not take second-group courses (courses numbered 101-200) without the written permission of the instructor and of the Dean of the Junior College. A student will not be permitted to postpone a first-group course, required under the curriculum for which he is registered, in order to take a second-group course for elective credit. The principle that first-group courses must be taken in the Junior College years, and advanced courses in Columbian College and the professional schools, will be rigidly adhered to in approving student programs. No student on probation is permitted to take second-group courses except by the express permission of the Committee on Scholarship.

AMOUNT OF WORK

Fifteen or sixteen credit hours, not including required physical education, constitute normal work. A student not on probation may be permitted by the Dean to take seventeen credit hours.

A student having a quality-point index of 3.50 may, with the permission of the Dean, take eighteen or nineteen credit hours. No student may take more than nineteen credit hours, except with the permission of the Committee on Scholarship.

For an employed student working more than twenty-four hours a week, nine credit hours, not including required physical education, constitute normal work. An employed student not on probation may be permitted by the Dean to take ten credit hours. An employed student having a quality-point index of 3.50 may be permitted by the Dean to take twelve or thirteen credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, to bring his program within the limitations set by the Faculty for the amount of work to be carried by an employed student.

ATTENDANCE

The student is held responsible to the instructor in charge of the course for which he is registered for all the work of the course, and all absences must be excused before provision will be made for him to make up the work missed.

With the exceptions noted below, occasional absences, not to exceed in number for each term the credit hours for the term, will be automatically excused. (If a course has distinct divisions such as lectures, laboratories, recitations, etc., these excuses apply pro rata to such separate divisions.) In the application of this rule absences immediately preceding or following holiday periods are to be counted double.

Such automatic excuses are intended to cover the occasional minor exigencies and not to constitute an indiscriminate privilege. A student on probation is allowed no automatic excuses.

Excuses for absences from two or more consecutive class periods, and for absences from examinations which have been announced in advance, can be obtained only by making written application to the Dean of the Junior College. All other absences may be excused by the instructor in charge.

A student whose absences from any class, whether excused or unexcused, are in excess of one-fourth of the total number of class periods will receive the grade of *F* for the course, except by special ruling of the Dean on recommendation of the instructor in the course.

CLASSIFICATION OF STUDENTS

A student who has satisfactorily completed at least thirty-two credit hours of work, including eighteen credit hours in his curriculum requirements, is classed as a *sophomore*.

THE DEGREE OF ASSOCIATE IN ARTS

Upon the satisfactory completion of the requirements of the Junior College, the degree of Associate in Arts is conferred.

REQUIREMENTS FOR THE DEGREE

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 34 and 35.

In order to receive the degree of Associate in Arts a student must have a quality-point index of at least 2.00.

Honor Roll.—The name of every student who has a quality-point index of 3.50 or higher will be placed on the honor roll and published. No

consideration is given to those who have completed a total of less than fifteen credit hours. A place on the honor roll does not necessarily mean that the student will receive honors upon graduation.

Probation.—A student must maintain a quality-point index of at least 2.00, or be placed on probation. The case of each student who has a quality-point index between 1.50 and 2.00, however, will be considered by the Committee on Scholarship, which may retain or remove the probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee.

Suspension.—A student who has a quality-point index below 1.50 will be suspended. The case of each student who has a quality-point index between 1.35 and 1.50, however, will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

A student who is subject to probation for the third term, whether successive or after an interval, will be suspended.

For the purpose of these rules, the summer sessions are considered a term.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Scholarship that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours or multiples thereof.

Warnings.—At stated intervals during the academic year instructors file in the Office of the Registrar the names of those students who are doing work of D grade or lower. A "warning" will then be transmitted to the student concerned and a copy filed with Junior College adviser. A warning constitutes notice to the student that he must consult an adviser within one week of his receipt of the warning. "Warning periods" are established as follows: fall and winter terms—seventh to eighth week; summer term—each session, third to fourth week.

CURRICULUM REQUIREMENTS

The satisfactory completion of sixty credit hours of college work, exclusive of physical education, is required as outlined in one of the Junior College curricula described below.

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, not more than twelve credit hours of professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbian College. Junior College students electing professional courses under this rule must obtain the approval of the Dean of the Junior College.

Physical Education Requirements.—Physical education is required of all students in the freshman and sophomore years. (See "Physical Education Requirements", page 37.)

Foreign-Language Requirements.—For the degree of Associate in Arts a student must have completed satisfactorily the equivalent of two years of college work in a single foreign language. (See "Placement Examinations", pages 51 and 52.)

A student offering for admission four acceptable high school units of a single foreign language, or the equivalent, is not required to take any foreign language. If he offers three units, he must complete the second term of the second-year college course in the same language. If he offers two units, he must complete the entire second-year college course in the same language (except in the Pre-Pharmacy Curriculum, where he may substitute another language or elective). If he offers one unit, he must complete the second term of the first-year college course and the entire second-year course in the same language.

In some instances foreign languages are required or recommended as a preparation for advanced work in Columbian College and the professional schools. The student should consult his adviser as to these requirements, so that appropriate foreign languages may be included, when necessary, in his Junior College program.

Curricula for Admission to Columbian College and the Professional Schools

Each of the following curricula comprises the first two years of a standard four-year college course and prepares the student for upper division work. Requirements for graduation from the Junior College may not be the same as the requirements for admission to Columbian College or a professional school. Therefore, the student should consult the specific admission requirements of the college or school for which he is preparing.

The first two years of the premedical college work are undertaken in the Junior College in accordance with curriculum B. This work comprises the first sixty credit hours of the ninety required for admission to the School of Medicine. Each premedical program must be approved by the premedical adviser.

Curricula for admission to:

1. Columbian College:

A-I—Arts and Letters*

The following two-year curriculum prepares for the Bachelor of Arts program in Columbian College:

	Credit Hours
English	English 1-2
	English 51-52, 71-72, 91-92, Art 11-12, 71-72, or Philosophy 1-2
Foreign Language	See page 55 for foreign language requirement
Social Studies	Economics 1-2, History 39-40 or 71-72, Political Science 9-10, or Sociology 27, 28
Science	Biology 1-2, Botany 1-2, Chemistry 11-12 (12-21), Physics 5, 7 (6, 7) (5, 6), or Zoology 1-2
Physical Education	See page 37 for statement of requirement
Elective	22 to 24
Total	60 or 63

A-II—Sciences *

The following two-year curriculum prepares for the Bachelor of Science curriculum in Columbian College:

	Credit Hours
English	English 1-2
	English 51-52, 71-72, 91-92, Art 11-12, 71-72, or Philosophy 1-2 (Elective if 6 hours of Social Studies are taken—see below)
Foreign Language	French or German or non-science elective
	NOTE.—A reading knowledge of French or German is required. This may be satisfied by French 6 or German 6 or by special examination
Social Studies	Economics 1-2, History 39-40, 71-72, Political Science 9-10, or Sociology 27, 28 (Elective if 6 hours in the English, Art, Philosophy group are taken—see above)
Science	(a) Biology 1-2, Botany 1-2, Zoology 1-2
	(b) Chemistry, 11-12 (12-21), Mathematics 6, 12 (12, 19), Physics 5, 7 (6, 7) (5, 6)
	(No more than six term courses from either group a or b.)
Physical Education	See page 37 for statement of requirement
Elective	24 to 28
Total	60 to 64

* For the degree of Bachelor of Science, the student should obtain the advice of the major departments as to proper prerequisite and collateral courses for the intended major. Students who have had high school courses in chemistry, mathematics, and physics should consult the description of the beginning courses in these fields.

2. The School of Medicine:

B—Medicine

A minimum of ninety credit hours is required for admission to the School of Medicine. The following premedical requirements must be met:

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry, of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.

2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.

3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.

4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.

5. Modern foreign language: a reading knowledge, preferably of French or German.

6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

Elective courses should be selected so as to satisfy the requirements of one of the two curricula for admission to Columbian College.

3. The Law School:

Any of the Junior College curricula leading to upper division work, except those in Physical Education, Home Economics, and Secretarial Studies, comprise the first two years of the requirements for admission to the Law School.

4. School of Pharmacy:

C—Pharmacy

The following two-year curriculum prepares for the Bachelor of Science in Pharmacy curriculum in the School of Pharmacy:

English	English 1-2	7
Foreign Language	See page 55 for foreign language requirement.	7
Science	Botany 2, Chemistry 11, 12, Zoology 1 (Freshman year)	14
	Chemistry 21, 22, Physics 5, 6 (Sophomore year)	8
Physical Education		4
Curriculum Electives	Pharmacy 1-2 (Freshman year)	14
	Pharmacy 21-22, 23, 25, 26 (Sophomore year)	1
Elective		72
	Total	

5. School of Education:

D—I—Education

The following two-year curriculum prepares for the Bachelor of Arts in Education curriculum in the School of Education:

English	English 1-2	6
	English 51-52, 71-72, or 91-92	12
Foreign Language	(French, German, Latin, or Spanish)	6
Social Studies	History 71-72	6
	Economics 1-2; Geography 121-22; History 39-40; Political Science 9-10; or Sociology 27, 28 (Those offering for admission two or more acceptable senior high school units in the Social Studies may be exempted from this requirement)	6
Science and Mathematics	Two terms to supplement senior high school courses, selected from: Biology 1-2; Botany 1-2; Chemistry 11-12; Physics 5 and 6 or 7; Zoology 1-2; or Mathematics 3 and 6 or 6 and 12	6 or 8
Other Courses	Psychology 1 and 21	3
	Speech 1 or 11	3
	Statistics 51	1
Physical Education	See page 37 for statement of requirement.	4
Electives		72
	Total	

D-II—Home Economics:

The following two-year curriculum prepares for the Bachelor of Science in Home Economics curriculum in the School of Education:

	Credit Hours	
English	English 1-2	6
	English 51-52, 71-72; Speech 1-2 (1-11).....	6
Foreign Language	French, German, Latin, or Spanish.....	12
Social Studies*.....	Economics, History, Political Science, or So- ciology	6
Science	Chemistry 11-12 (Sophomore year).....	8
Psychology	Psychology 1	3
Physical Education	See page 37 for statement of requirement.	
Curriculum Electives.....	Home Economics 1, 22 (Freshman year).....	6
	Home Economics 51, 62 (Sophomore year)....	6
Academic Electives..	(Freshman year)	3
	(Sophomore year)	4
Total.....		60

D-III—Physical Education for Men

The following two-year curriculum prepares for the Bachelor of Science in Physical Education curriculum in the School of Education:

	Credit Hours	
English	English 1-2	6
Social Studies	History 39-40, 71-72, Political Science 9-10, or Sociology 27-28 (Freshman year).....	6
	Economics, History, or Political Science (Soph- omore year)	6
Science	Biology 1-2 or Zoology 1-2 (Freshman year).....	6 or 8
Physical Education..	See page 37 for statement of requirement.	
Curriculum Electives.....	Physical Education 42, 43-44, 47; Psychology 1, 22 (Freshman year).....	14
	Physical Education 45-46, 49, 58; Speech 1 (Sophomore year)	12
Elective	To satisfy minimum required credits (Sopho- more year).	
Total:		
Freshman year		32 or 34
Sophomore year		28

* Courses selected with the recommendation of the adviser in the Department of Home Economics.

D-IV—Physical Education for Women

The following two-year curriculum prepares for the Bachelor of Science in Physical Education curriculum in the School of Education:

English	English 1-2	6
	English 51-52, 71-72, or 91-92	6
Social Studies	History 39-40, 71-72; Political Science 9-10; Sociology 27-28	6
Science	Biology 1-2 or Zoology 1-2	6
Physical Education ..	See page 37 for statement of requirement.	4
Curriculum Electives ..	Physical Education 13-14 (Freshman year); Physical Education 15-16, 18, 49; Psychology 1, 22 (Sophomore year)	12
Academic Electives..	(Each year)	6 or 6 1/2
Total		60 or 62

6. School of Government:**E-I—Accounting and Business Administration**

The following two-year curriculum prepares for the Bachelor of Arts in Government curricula in Accounting and in Business Administration in the School of Government:

Business Administration	Business Administration 51-52	12
English	English 1-2	6
Foreign Language ..	See page 55 for foreign language requirement.	6
Social Studies	Economics 1-2; History 39-40 or 71-72; Political Science 9-10	6
Statistics	Statistics 51, 52	6
Physical Education ..	See page 37 for statement of requirement.	4
Elective		6
Total		60

E-II—Foreign Affairs

The following two-year curriculum prepares for the Bachelor of Arts in Government curriculum in Foreign Affairs in the School of Government:

	Credit Hours
English English 1-2	6
Foreign Language ... See page 55 for foreign language requirement...	12
Social Studies Economics 1-2, History 39-43, 71-72, Political Science 9-10	24
Mathematics, Science, Botany, Chemistry, Mathematics, Physics, Sta- tistics, or Zoology.....	6 or 8
Physical Education.. See page 37 for statement of requirement.	
Elective (To satisfy minimum required credits)	
Total.....	62 or 62

E-III—Statistics

The following two-year curriculum prepares for the Bachelor of Arts in Government curriculum in Statistics in the School of Government:

	Credit Hours
English English 1-2	6
Foreign Language ... See page 55 for foreign language requirement...	12
Social Studies Economics 1-2, Philosophy 1-2.....	12
Mathematics Mathematics 20 and prerequisites.....	3 to 12
Physical Education.. See page 37 for statement of requirement.	
Elective	18 to 27
Total.....	60

Vocational Curricula.—In addition to the above curricula, all of which prepare for admission to upper division colleges and schools, the Junior College offers the following two-year terminal courses.

F—Secretarial Studies Curriculum:

FIRST YEAR	Credit Hours	SECOND YEAR	Credit Hours
Business Administration 51-52....	6	Economics 1-2.....	
English 1-2.....	6	Physical Education.....	
Physical Education.....		Secretarial Studies 15 and 10.....	6
Secretarial Studies 1 and 2.....	4	Secretarial Studies 51-52.....	6
Secretarial Studies 11 and 12.....	8	Secretarial Studies 54.....	3
Electives	6	Speech 1	3
		Electives	6
Total.....	30	Total.....	30

G—Accounting Curriculum:

The required work may be completed in two years on a full-time basis or in three years on a part-time basis, with the approval of the adviser.

REQUIRED COURSES		Credit Hours
Business Administration	51-52...	6
Business Administration	101, 102	6
Business Administration	115.....	3
Business Administration	145.....	3
Business Administration	151-52..	6
Business Administration	153.....	3
Business Administration	155.....	3
Business Administration	165.....	3
Economics	1-2.....	6
Economics	121.....	3
English	1-2.....	6
Political Science	127.....	3
Political Science	128.....	3
Physical Education		
See page 37 for statement of requirement		
Electives	.....	6
(To be selected with the approval of the adviser.)		
Total.....		60

Examinations for Waiving Curriculum Requirements*

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirements in that subject and may qualify for registration in an advanced course. Passing of this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

Honors

The degree of Associate in Arts may be conferred "with distinction" upon the student who has a quality-point index of 3.50 or higher, provided that student has been in residence at the University for 30 hours, 15 of which must have been taken in the Junior College at the time the index is calculated.

* This provision does not apply to the premedical student, all of whose required premedical work must be taken in a recognized college of arts and sciences.

COLUMBIAN COLLEGE

THE FACULTY AND STAFF OF INSTRUCTION *

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
 Henry Grattan Doyle, A.M., *Dean of Columbian College*

Thomas Benjamin Brown, Ph.D., *Professor of Physics*
 Henry Grattan Doyle, A.M., *Professor of Romance Languages*
 John Donaldson, Ph.D., *Professor of Political Economy*
 Norris Ingersoll Crandall, M.Arch., *Professor of Art*
 Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry*
 Edward Henry Sehart, Ph.D., *Professor of German*
 Robert Whitney Bolwell, Ph.D., *Professor of American Literature*
 Walter Lynn Cheney, Ph.D., *Professor of Physics*
 James Henry Taylor, Ph.D., *Professor of Mathematics*
 Elmer Louis Kayser, Ph.D., *Professor of European History*
 Donnell Brooks Young, Ph.D., *Professor of Zoology*
 Frank Mark Weida, Ph.D., *Professor of Statistics*
 Warren Reed West, Ph.D., *Professor of Political Science*
 †Lowell Ragatz, Ph.D., *Professor of European History*
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*
 §William Douglass Van Evera, Ph.D., *Professor of Chemistry*
 ¶William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*
 Mitchell Dreese, Ph.D., *Professor of Educational Psychology*
 Arthur Edward Burns, Ph.D., *Professor of Economics*
 Merle Irving Protzman, Ph.D., *Professor of Romance Languages*
 ||Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*
 Wood Gray, Ph.D., *Professor of American History*
 Florence Marie Mears, Ph.D., *Professor of Mathematics*
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology*
 Ira Bowers Hansen, Ph.D., *Professor of Zoology*
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*
 Paul William Bowman, Ph.D., *Professor of Biology*
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*

* The President of the University, the Dean of the College, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty.

† On sabbatical leave 1947-48.

§ On leave of absence 1947-48.

|| On sabbatical leave fall term 1947-48.

- John Withrow Brewer, Ph.D., *Professor of International Law*
 Louis Clark Keating, Ph.D., *Professor of Romance Languages*
 Harold Loran Geisert, Ph.D., *Professor of Sociology*
 Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*
 Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*
 Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*
 Ernest Sewall Shepard, A.M., *Professor of English*
 George Winchester Stone, Jr., Ph.D., *Professor of English*
 Fred Salisbury Tupper, Ph.D., *Professor of English*
 James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*
 Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*
 Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*
 Audley Lawrence Smith, Ph.D., *Associate Professor of English*
 Edward Campion Acheson, Ph.D., *Associate Professor of Finance*
 Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*
 John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
 Antonio Alonso, A.M., *Associate Professor of Spanish*
 Irene Cornwell, Ph.D., *Associate Professor of French*
 Charles William Cole, Ph.D., *Associate Professor of American Literature*
 Myron Law Koenig, Ph.D., *Associate Professor of American History*
 *Henry Goddard Roberts, A.M., *Associate Professor of Speech*
 Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*
 Wolfram Karl Legner, Ph.D., *Associate Professor of German*
 Calvin Darlington Linton, Ph.D., *Associate Professor of English*
 Charles Edward Gauss, Mus.B., Ph.D., *Associate Professor of Philosophy*
 Lubin Poe Leggette, A.M., *Associate Professor of Speech*
 George Martin Koehl, A.M., *Associate Professor of Physics*
 Robert Dale Campbell, A.M., *Associate Professor of Geography*
 Robert Randal Meijer, Ph.D., *Associate Professor of Physics*
 Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*
 Edith Elizabeth Mortensen, Ph.D., *Assistant Professor of Zoology*
 Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*
 *Dorothy Jeanne Morrow, M.S., *Assistant Professor of Statistics*
 Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*
 Roderic Corbin Vincent, Ph.D., *Assistant Professor of Chemistry*
 Roderic Hollett Davison, Ph.D., *Assistant Professor of European History*
 Sam Clark Munson, M.S., *Assistant Professor of Biology*
 Alberto Vázquez, Ph.D., *Lecturer on Spanish American Literature*

* On leave of absence 1947-48.

COMMITTEES •

THE DEAN'S COUNCIL ‡

1948

Fred Salisbury Tupper
Donald Stevenson Watson

1949

Thelma Hunt
Ernest Sewall Shepard

1950

Howard Maxwell Merriman
Charles Rudolph Naeser

COMMITTEE ON ADMISSION AND ADVANCED STANDING

Charles Rudolph Naeser, *Chairman*Edith Elizabeth Mortensen, *Secretary*

Charles William Cole
Donald Stevenson Watson
Calvin Darlington Linton

COMMITTEE ON CORRECT USE OF ENGLISH

Averett Howard, *Chairman*

Martin Steele Day
Muriel Hope McClanahan
Edith Elizabeth Mortensen
Charles Edward Gauss

COMMITTEE ON SCHOLARSHIP

Fred Salisbury Tupper, *Chairman*

Florence Marie Mears
Howard Maxwell Merriman
Louis Clark Keating
Samuel Nathaniel Wrenn

COMMITTEE ON STUDIES

The Dean of the College, *Chairman*

Merle Irving Protzman
(Languages and Literatures)
Frank Mark Weida
(Mathematics and Physical Sciences)
Chester Elwood Leese
(Natural Sciences)
Wood Gray
(Social Sciences)

DIVISIONAL ORGANIZATIONS

LANGUAGES AND LITERATURES

Louis Clark Keating, *Chairman*
Wolfram Karl Legner, *Secretary*

• The President of the University and the Dean of Columbian College are members ex officio of all committees.
‡ Elected by the Faculty.

Educational Committee

Merle Irving Protzman, *Chairman*
Fred Salisbury Tupper

Antonio Alonso

MATHEMATICS AND THE PHYSICAL SCIENCES

Charles Rudolph Naeser, *Chairman*
George Martin Koehl, *Secretary*

Educational Committee

Frank Mark Weida, *Chairman*
Thomas Benjamin Brown Samuel Nathaniel Wrenn

NATURAL SCIENCES

Lawson Edwin Yocum, *Chairman*
Sam Clark Munson, *Secretary*

Educational Committee

Chester Elwood Leese, *Chairman*
Thelma Hunt Paul William Bowman

SOCIAL SCIENCES

Frank Mark Weida, *Chairman*
John Albert Tillema, *Secretary*

Educational Committee

Wood Gray, *Chairman*
Harold Loran Geisert

GENERAL INFORMATION

INTRODUCTORY

Columbian College was founded in 1821. James Monroe, then President of the United States, aided in obtaining the charter from Congress which established "The Columbian College in the District of Columbia" for the "sole and exclusive purpose of educating youth in the English, learned and foreign languages, the liberal arts, sciences and literature."

with full power to confer all degrees "usually granted and conferred in colleges".

In 1930, when the Junior College was established, the name "Columbian College" was bestowed upon the senior college of liberal arts.

THE COLUMBIAN COLLEGE PROGRAM

In The George Washington University, the program for liberal arts and sciences extends from the general collegiate education of the Junior College (the freshman and sophomore years), through the instruction for the Bachelor's degrees of Columbian College (the junior and senior years), and the studies for the Master's degrees which are also in Columbian College, to the graduate discipline leading to the degree of Doctor of Philosophy, which is administered by the Graduate Council.

The purpose of Columbian College is to round out the program of liberal education begun in the Junior College and to bring to a focus educationally the individual talents and aptitudes of the student of liberal arts.

The program involves a comprehensive survey of a field of study, together with such knowledge of other fields as will contribute to the general educational development of the student. A field of study may be confined to one department or may involve a group of related courses in more than one department, or more than one division. The following divisions have been established in The George Washington University based on the relationship of course content, interrelation of methods and prerequisites, and similarity of background and viewpoint:

1. *The Division of Languages and Literatures.*—The departments of Classical Languages and Literatures, English, Germanic Languages and Literatures, and Romance Languages and Literatures.
2. *The Division of Mathematics and the Physical Sciences.*—The departments of Biochemistry, Chemistry, Mathematics, Pharmacology, Physics, and Statistics.
3. *The Division of the Natural Sciences.*—The departments of Anatomy, Bacteriology, Biology, Botany, Geography, Geology, Neurology, Pathology, Physiology, Psychology, and Zoology.
4. *The Division of the Social Sciences.*—The departments of Business Administration, Economics, Education, History, Law, Philosophy, Political Science, Religion, Sociology, and Speech.

These are University Divisions. They function for Columbian College only in such fields of study as are appropriate for a senior college of arts, letters, and science.

REGULATIONS

Students in Columbian College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

courses), corresponding to the program outlined above, is required to begin to make up such deficiencies immediately upon admission to Columbian College, and to carry courses for that purpose each term until all the general education requirements described above are satisfied.

AMOUNT OF WORK

A full-time student who is not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An employed student who meets the same standard may take not more than twelve credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for the student to make up the work missed. Excessive absence in any course will lead to loss of credit in that course, even though other requirements, such as tests, term-papers, and examinations, are met.

CLASSIFICATION OF STUDENTS

A student who has completed less than thirty credit hours in Columbian College, and who has registered his major at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in Columbian College, including at least one course in his major, is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degree, and whose program of study has been approved and filed in the Office of the Registrar, is classed as a *master in course*.

INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in the CATALOGUE.

CORRESPONDENCE AND HOME-STUDY COURSES

No credit is given for work done by correspondence or in home-study courses.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of Columbian College, the degree of Bachelor of Arts or Bachelor of Science is conferred.

In cooperation with the School of Medicine a seven-year curriculum leading to the combined degrees of Bachelor of Arts and Doctor of Medicine is offered.

BACHELOR OF ARTS

Curricula leading to the degree of Bachelor of Arts are available in the following major fields: American Thought and Civilization, Art (Appreciation or Drawing and Painting), Biology, Botany, Chemistry, Economics, English Literature, French Literature, Geography, Geology, Germanic Languages and Literatures, History, International Relations, Latin American Civilization and Culture, Latin American Economics, Mathematics, Philosophy, Physics, Political Science, Psychology, Sociology, Spanish American Literature, Spanish Literature, Speech, Statistics, Zoology.

BACHELOR OF SCIENCE

Curricula leading to the degree of Bachelor of Science are available in the following major fields: Biology, Botany, Chemistry, Mathematics, Physics, Statistics, Zoology.

REQUIREMENTS FOR THE DEGREES**RESIDENCE**

For the residence requirement, see page 38.

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 34 and 35.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in his major subject.* Grades in courses taken at other institutions are not considered in computing the quality-point index.

In computing the quality-point index in the major, all second-group and third-group courses in the major field taken at The George Washington University are included, even though minimum requirements for the

* Except in a Field-of-Study Major.

major may have been exceeded. Grades received in first-group courses are not considered.

Probation.—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

Suspension.—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, is suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

For the purpose of these rules, the summer sessions are considered a term.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

Use of Correct English.—Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean and to the Committee on the Use of English. The Chairman of the Committee may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed by failure to make up any such deficiency in English to the satisfaction of the Committee and the Dean.

CURRICULUM REQUIREMENTS

Every candidate for graduation must satisfy curriculum A-I or A-II, listed below, leading to the degree of Bachelor of Arts or Bachelor of Science. The curriculum requirements include at least sixty credit hours beyond the requirements of the Junior College, and the satisfactory completion of the major (see "The Undergraduate Major", pages 73-75). At least twenty-four credit hours must be taken in subjects not included in the major.*

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, not more than twelve credit hours of

* Art, Biology, Botany, Chemistry, Classical Languages and Literatures, Economics, English, Geography, Geology, Germanic Languages and Literatures, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Religion, Romance Languages and Literatures, Sociology, Speech, Statistics, Zoology.

professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbia College. Columbia College students electing professional courses under this plan must obtain the approval, in advance, of the Dean of Columbia College.

After selecting a curriculum, a student may not change to another except by permission of the Dean and on condition that he fulfill the requirements of the curriculum to which he changes as of the date when the change is approved by the Dean.

The freshman and sophomore years of each curriculum will be found in the announcement of the Junior College.

Each student is required to select and file with the Registrar a choice of major* upon entering Columbia College. He may change the major only with the consent of the Dean and of the department or division concerned, and must meet the requirements for the major to which he changes as of the date when the change is approved by the Dean.

First-group courses may be required as prerequisites to undergraduate major programs, but because of their introductory character may not be counted as part of such programs. (See "Explanation of Course Numbers".)

Examinations for Waiving Curriculum Requirements.—A student desiring to omit a required or prerequisite course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum or prerequisite requirement in that subject and may qualify for registration in an advanced course. Passing at the examination shall not entitle him to any credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

Bachelor of Arts

A-I †. Curriculum Leading to the Degree of Bachelor of Arts.—The work of the junior and senior years, including a major, must be approved by the major department or division and by the Dean.

Combined Degrees of Bachelor of Arts and Doctor of Medicine.—A candidate for the combined degrees of Bachelor of Arts and Doctor of Medicine must: (1) complete the premedical college requirements (see page 14); (2) fulfill the Columbia College residence requirement of at least thirty credit hours; (3) obtain the approval of the Dean of Columbia College at the time of entering the School of Medicine; (4) obtain the recommendation of the Dean of the School of Medicine at the completion of all prescribed courses in the first year of the School of Medicine, at which time the degree of Bachelor of Arts will be conferred.

* See pages 73-75 for a description of the undergraduate major.

† See page 56.

ferred (professional work taken at another institution will not satisfy the major requirement for the combined degrees); (5) maintain throughout the entire course the scholarship level required for graduation.

Bachelor of Science

A-II.* *Curriculum Leading to the Degree of Bachelor of Science.*—The work of the junior and senior years, including a major in one of the sciences mentioned below, must be approved by the major department or division and by the Dean.

Biological Sciences

Biology

Botany

Zoology

Physical Sciences

Chemistry

Mathematics

Physics

Statistics

THE UNDERGRADUATE MAJOR ‡

There are two types of undergraduate majors: the field-of-study major; and the departmental major.

THE FIELD-OF-STUDY MAJOR

Each Field-of-Study Major covers a carefully worked out field of coordinated study and is under the supervision of the division or divisions concerned.

The *Field of Study Major* requires no specific number of credit hours, no specific program of courses, and no specific quality-point index for the major, although the student is required to meet the over-all general requirements for the degree (at least 120 credit hours, plus required physical education, with a quality-point index of 2.00). The Major Examination in the Field-of-Study Major replaces all of the traditional quantitative and qualitative requirements for a major. Ability to pass the Major Examination is assumed to be a convincing demonstration that the student possesses the breadth, depth, and quality of knowledge of his major usually defined in terms of credit hours, courses, grades, and a better-than-average quality-point index. A pamphlet prepared under the direction of the adviser in the field of study and obtainable either from the adviser or from the Office of the Dean of Columbian College provides the information needed by the prospective student, who should place himself under the direction of the appropriate adviser immediately upon completing Junior College work and beginning his Junior year (the first senior-college year) in Columbian College.

* See page 56.

‡ For a complete description of the undergraduate major, see the special bulletin

The Field-of-Study Major places special emphasis on the intellectual development of the individual student. Programs in the same major may vary, depending upon the individual student's background, previous study, reading habits, and aptitudes. The student is expected to consult his adviser frequently, and the special proseminar offered in the field gives him further opportunity for individual advice and direction in pursuing a program especially adapted to his needs and abilities. A close student-adviser relationship is essential for the student's success under the Field-of-Study Major plan.

The following Field-of-Study Majors are offered: (1) American Thought and Civilization, (2) Biology, (3) English Literature, (4) French Literature, (5) History, (6) International Relations, (7) Latin American Civilization and Culture, (8) Latin American Economics, (9) Philosophy, (10) Spanish American Literature, (11) Spanish Literature, (12) Statistics, (13) Zoology.

Of the Field-of-Study Majors offered, two, those in International Relations and in Biology, extend broadly over the work of their respective divisions; and two, those in American Thought and Civilization and in Hispanic American Civilization and Culture, involve studies in two divisions, those of Languages and Literatures and of Social Studies. The other majors, with the exception of the major in Spanish American Literature, replace departmental majors in their respective fields (English, French, History, Philosophy, Spanish, Statistics, and Zoology). A candidate for a major in one of these fields must elect a Field-of-Study Major.

Proseminar in the Major

For the convenience of the student a proseminar is offered in each field of study, under the supervision of the division in which the major is taken. This course, planned and administered by the professor or adviser of the major subject, will advise, guide, and instruct the student in his reading, study, and laboratory exercises in order to assist him in gaining a coordinated knowledge of his field. It is a presentation of the content and methods of the major field as a whole through the organization and coordination of the knowledge obtained in the various formal courses in the major subject and of material not usually included in such courses. This course is not required. Six credit hours, but no qualitative grade, may be assigned. When registered in this course, the student will have the privilege of visiting, subject to the approval of the instructor, any other course offered in the College. (Regular attendance in a course, either for credit or as an auditor, requires registration and payment of tuition.) Proseminars are open only to the student who has been accepted as a candidate under that specific major.

The Major Examination

The Major Examination will normally be taken by the student at the close of the senior year; in the case of the student on a limited schedule, the Major Examination may be taken not earlier than one calendar year before graduation. A student who fails to pass a Major Examination may, at the discretion of the Columbian College Committee on Studies, be reexamined at a later regular major-examination period. The educational committees of the respective divisions will have general supervision of the preparation, reading, and grading of Major Examinations. Major Examinations will be held in each regular term on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term, May 15 for the winter term, and August 7 for the summer term.

DEPARTMENTAL MAJORS

Departmental Majors, unlike *Field-of-Study Majors*, are specifically defined in terms of credit hours, required courses, and the attainment of a quality-point index of at least 2.50 in all second-group courses taken in the major field. The minimum specific requirements for Departmental Majors are listed below the staff of instruction of the department concerned in the section of the CATALOGUE devoted to courses of instruction. The Executive Officer of the Department, or his representative at registration, should be consulted concerning the student's program of courses, and the entire program, including electives, must be approved by the Department. The student is also expected to consult the Executive Officer or adviser in all matters affecting his program of studies, such as changes, substitutions, or withdrawals, and especially concerning his progress in his courses. As far as possible the close student-adviser relationship developed in the Field-of-Study Major will be cultivated also in Departmental Majors.

Until further notice Departmental Majors will be offered in the following: Art, Botany, Chemistry, Classical Languages and Literatures, Economics, Geography, Germanic Languages and Literatures, Mathematics, Physics, Political Science, Psychology, Sociology, and Speech.

THE MASTER'S DEGREES

Upon the satisfactory completion of the graduate requirements of Columbian College, the degree of Master of Arts or Master of Science is conferred.

DEFINITION OF THE MASTER'S WORK

The study leading to the degree of Master of Arts or Master of Science is a comprehensive survey of a field of knowledge. It is a con-

tinuation of the work of the student's undergraduate major and involve a greater acquaintance with scholarly method.

The student must satisfy certain minimum requirements as to previous preparation, residence, ability to read an approved modern foreign (European) language, and courses taken; but these requirements, while essential, are regarded primarily as qualifying measures. The student's knowledge of his field, as demonstrated by his thesis and by the results of his Master's Examination (together with such other examinations involving special skills or techniques as the department or division may require), is the basis upon which the Master's degree is conferred.

MASTER OF ARTS

Graduate work leading to the degree of Master of Arts is offered in the following fields:

American Literary and Cultural History, Bacteriology, Biochemistry, Biology, Botany, Chemistry, Economics, English Literature, English and American Literature, French Literature, Germanic Languages and Literatures, History, International Relations, Latin American Civilization and Culture, Latin American Economics, Mathematics, Philosophy, Physics, Physiology, Political Science, Psychology, Spanish American Literature, Spanish Literature, Statistics, Zoology.

Special programs involving coordinated work in two or more departments may be arranged with the approval of the appropriate division or divisions.

MASTER OF SCIENCE

Graduate work leading to the degree of Master of Science is offered in the following fields:

Bacteriology, Biochemistry, Biology, Botany, Chemistry, Mathematics, Physics, Physiology, Psychology, Statistics, Zoology.

Special programs involving coordinated work in two or more departments may be arranged with the approval of the appropriate division or divisions.

REQUIREMENTS FOR THE DEGREES

RESIDENCE

An academic year of residence in Columbian College is required, to completion of a minimum of thirty credit hours of work including the thesis, which is counted as the equivalent of six credit hours of course work. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Not more than twelve credit hours (which must be approved in advance by the Dean of Columbian College) may be taken in another school or

division of this University, and such work may not be counted toward both a degree in that school or division and the Master's degree in Columbian College. No part of the minimum requirement may be taken elsewhere. All work for the degree of Master of Arts or Master of Science must be completed within a maximum of three years, unless the Dean's Council considers the circumstances so unusual as to justify an extension of time.

SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean upon recommendation of the division under which the student is working. Regarding the system of grading, see pages 34 and 35.

PROGRAM OF STUDIES

The student's program of studies must be outlined in detail at the beginning of his work, in triplicate, on forms available at the Office of the Dean. Each program is subject to the approval of the department and the division. The program may be revised as the occasion requires, but any change necessitates a repetition of the procedure just described.

Courses numbered from 1 to 100 may not be credited toward the Master's degrees, but may in certain instances be required as a basis for advanced work. (See "Explanation of Course Numbers".)

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his program from the beginning that work for the lower degree may help to prepare him for the higher.

ADMISSION TO CANDIDACY

A student must be admitted to candidacy before he begins the last half of his work for the Master's degree. Application for admission to candidacy is made on a form obtained at the Office of the Registrar, and must be approved by the appropriate representative of the department or division and by the Dean. If a prospective candidate, in his previous academic work, has not substantially satisfied the prerequisites for the Master's degree, including the undergraduate major as defined by the appropriate department or division, he will not be admitted to candidacy until such deficiency has been made up. He may make up his deficiencies by electing appropriate courses in addition to those counted towards his degree.

Before being admitted to candidacy the student must also show that he has a reading knowledge (certified by the appropriate foreign-language

department) of at least one modern foreign (European) language selected by the division under which he is studying. A student whose field is a modern foreign language or literature may not offer that language in satisfaction of the reading-knowledge requirement. Examinations in modern foreign languages will ordinarily be given only on the dates specified in the University calendar. In exceptional circumstances the respective departments will arrange for examinations at other times.

THE MASTER'S THESIS

The thesis may be of a research, expository, critical, or creative type. The main purpose of a Master's thesis is to demonstrate the student's ability to make independent use of the information and training acquired through his other disciplines, and to furnish objective evidence of his constructive powers in his chosen field. Registration for the thesis must be no later than the beginning of the final year of preparation, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge of the student's field and recorded in the Office of the Registrar by the date announced in the University calendar. Registration for the thesis is ordinarily made on the basis of three credit hours a term for two successive terms. In exceptional cases, and with the approval of the professor in charge of the thesis, the student may register for the entire six credit hours during a single term. The typewritten thesis in its final form must have the approval of the professor in charge of the student's field and of the educational committee of the division concerned, and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 38, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period the student must register for it again, and pay tuition on the same basis as for a repeated course.

THE MASTER'S EXAMINATION

In addition to such other examinations as may be required, the candidate must pass a general written examination on the major subject. Examinations will be held on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term.

May 15 for the winter term, and August 7 for the summer term. The provisions of the field-of-study plan for undergraduate majors which concern the general examination for the major also apply to the Master's Examination. A candidate who fails to pass the Master's Examination may, in exceptional circumstances and with the specific approval of the division concerned, repeat the examination, but only after the lapse of one term. If he fails a second time, no further opportunity to take the examination will be permitted.

THE GRADUATE COUNCIL

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Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*

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Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*
Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*
Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*

* On sabbatical leave 1947-48.

‡ On leave of absence 1947-48.

§ On sabbatical leave fall term 1947-48.

Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic History*
 George Winchester Stone, Jr., Ph.D., *Professor of English*
 Fred Salisbury Tupper, Ph.D., *Professor of English*
 William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*
 Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
 Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*
 Antonio Alonso, A.M., *Associate Professor of Spanish*

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 Henry Welch, Ph.D., *Chief, Division of Penicillin Control and Immunology, United States Food and Drug Administration; Antibiotics*
 Willard Hull Wright, D.V.M., Ph.D., *Scientist Director, United States Public Health Service, and Chief, Zoology Laboratory, National Institute of Health; Parasitology*

GENERAL INFORMATION

INTRODUCTORY

The Graduate Council offers a program of advanced study and research leading only to the degree of Doctor of Philosophy. It was established in 1930 to replace the Graduate School which had formerly administered work for the Master's as well as the Doctor's degrees. The Graduate Council provides a doctoral discipline which moves freely across administrative lines dividing departments of instruction or fields

of study. It gives personal supervision to a limited number of students, each of whom has his own consultative committee, examinations, and research direction.

ADMISSION PROCEDURE

For admission the student must possess adequate preparation for advanced study, including satisfactory Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and a capacity for creative scholarship. Previous graduate study should have been in the same general field as that proposed for doctoral study.

Before applying, the student should have personal interviews with the chairman of the Council and the professor in charge of the central field of study. After application and transcripts of previous academic training have been filed, the student meets his personal admission committee which makes its recommendations to the Council. If he is approved by the committee he must demonstrate his ability to read both French and German, one of which must be passed at the time of admission, and he must present all other prerequisites for advanced study specified by the committee.

STUDY FOR THE COUNCIL FELLOWSHIP EXAMINATION

The discipline for the degree is divided into two stages. The first is made up of study in related fields of learning which support the general area of research concentration, culminating in the Council Fellowship Examination. The second stage is composed of research and investigation of a particular project in a special field and the presentation of such research in a written dissertation, culminating in the Final Examination.

At the beginning of the student's program of study leading to the Council Fellowship Examination, a consultative committee is assigned to direct his work in a group of fields of learning, usually five or six in number, deemed necessary to insure his breadth of knowledge and general competence for continuing independent research, as well as to support the dissertation project in his central field. Members of the consultative committee will advise the student concerning the scope and content of these supporting fields, and will assist the student in preparation for his examination in them.

This advanced study may be done by attending courses of instruction and graduate seminars, by conference with members of the student's committee, and by independent means. The examination, however, not credits or grades for work done in courses, is the sole test of the student's ability to enter upon the second phase of his doctoral discipline. The examination is a series of written tests usually extending over a

period of one week. The major portion of a day is given to each part of the examination covering one of the fields of study on the student's program. If the results of the examination are satisfactory the student is admitted as a Fellow of the Graduate Council, to pursue his specialized study and research under the supervision of a member of the Council.

RESEARCH, THE DISSERTATION, AND THE FINAL EXAMINATION

After the student has been inducted as a Fellow of the Council and his research program has been arranged, he is responsible only to the member of the Council who directs his research project. As a Fellow, he may attend general meetings of the Council and participate in the programs of research discussion, and enjoy unrestricted use of all the academic facilities of the University. When necessary, the Graduate Council makes provision for sending the Fellow to some other institution, library, or laboratory for special study in connection with his doctoral investigation.

The doctoral dissertation is required of all Fellows as evidence of ability to perform scholarly research and to interpret its results. An extended summary of the dissertation is published in a periodical volume by the University for distribution to other institutions and libraries. Printed copies of detailed regulations concerning the dissertation are supplied to all candidates for the doctorate.

When the completed dissertation has been approved by the member of the Council in charge of the research project, the Fellow is presented for his final examination. This examination is oral and open to the public. The committee of examiners includes not only members of the Council competent in the research field or in closely related subjects, but also at least two qualified experts from other research institutions brought to the University to participate in the examination. If the Fellow satisfies the examining committee concerning the high quality and originality of his contribution to knowledge as well as his mastery of the scholarship and research techniques of his field, the Council recommends him for the degree of Doctor of Philosophy.

POST-DOCTORAL STUDY

The Council expects its graduates to continue their interest in advanced study and research, and to contribute to its program. All graduates are listed as Associate Fellows and, upon request, will receive notices of all general meetings. They may continue any studies in the University without payment of tuition, and enjoy all University library privileges. Such graduates are required to pay only the usual University fee in order to establish their active membership in the University. The use of laboratory space and equipment is contingent upon availability,

and the cost of all laboratory or special library materials is paid by the graduate. Special arrangements for such privileges must be made with the Chairman of the Council. Post-doctoral work may not be applied toward any degree offered by the University.

REGULATIONS

Candidates and Fellows in the Graduate Council are subject to, and are expected to familiarize themselves with, the regulations regarding REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

RESIDENCE AND CONTINUOUS REGISTRATION

The Graduate Council expects all students to work on their doctoral programs in residence, although there is no formal regulation concerning the amount of time of resident study either in preparation for the Council Fellowship Examination or as a Fellow of the Council engaged in doctoral research. The student who undertakes either part of the doctoral program on full or limited schedule must, in accordance with University regulations, maintain continuous registration under the Graduate Council even when the Council has granted a leave of absence for study or residence elsewhere. Failure to maintain registration in each term of the academic year disrupts the residence status of the student. In such a case, the student must reapply for admission to the Council under whatever new conditions and regulations are set up by his consultative committee or the member of the Council who directs his research.

TEACHING FELLOWSHIPS AND GRADUATE ASSISTANTSHIPS

A limited number of Teaching Fellowships are assigned annually to certain departments of instruction open to doctoral students registered under the Graduate Council. An announcement regarding qualifications and application for these fellowships will be sent upon request to the Office of the Graduate Council.

In many departments of instruction graduate assistants are appointed to assist in the academic program. Applicants should inquire directly of the executive officer of the department concerned regarding vacancies and details of appointment.

A pamphlet describing details of the Graduate Council program, together with a current list of fields of research offered by the Council, will be sent upon request to the Office of the Graduate Council.

THE SCHOOL OF MEDICINE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
 Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*
 Thomas Martin Peery, A.B., M.D., *Director of Postgraduate Instruction*

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*
 Walter Freeman, Ph.D., M.D., *Professor of Neurology*
 Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine*
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 Paul Kenneth Smith, Ph.D., *Professor of Pharmacology*
 James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*
 Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
 Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*
 Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*
 Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*
 Ira Rockwood Telford, Ph.D., *Associate Professor of Anatomy*
 Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*
 Leo Gregor Schmelzer, *Superintendent of the George Washington University Hospital*

COMMITTEES •

THE DEAN'S COUNCIL

Winfred Overholser

Brian Blades

Joseph Hiram Roe

• The President of the University and the Dean of the School of Medicine are members of all committees.

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 Leo Gregor Schmelzer

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COMMITTEE ON CURRICULUM

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Walter Freeman	Winfred Overholser
	Ernest Alfred Watson Sheppard

GENERAL INFORMATION

INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.

PLAN OF INSTRUCTION

Each year of the medical curriculum is divided into two terms of sixteen weeks each. The curriculum for the degree of Doctor of Medicine must begin with the fall term.

The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. The clinical material in the various hospitals and out-patient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

EQUIPMENT AND FACILITIES

The George Washington University Hospital.—With the aid of a grant from the Federal Works Administration in the amount of \$2,700,000.00, a new 400 bed hospital is being constructed. It occupies the block bounded by 22d Street, 23d Street, I Street, and Washington Circle on Pennsylvania Avenue, Northwest. Its purpose is to supplement the existing hospital resources of the District of Columbia for the care of patients, the education of physicians and nurses, and the advancement of medical knowledge.

The new hospital will be staffed and controlled by the faculty of the George Washington University School of Medicine and will provide excellent clinical material for the instruction of medical students. Virtually every specialty in the field of medicine and surgery will have especially assigned space and equipment in this splendid new institution.

The present hospital and dispensary are adjacent to the School of Medicine.

Medical School Building.—The building housing the School of Medicine is a five-story structure with lecture rooms and classrooms, laboratories, and students' rooms.

Laboratories.—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for anatomy, histology and embryology, bacteriology, hygiene and preventive medicine, biochemistry, pathology, pharmacology and physiology, and clinical microscopy. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

Medical Library.—The Library contains a selected reference collection of more than 6,500 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequaled by any other museum in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.

CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

The University Hospital.—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him

to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, laboratory records and the post-mortem pathology when available, are presented and correlated.

The University Dispensary.—The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. Fourth-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

Gallinger Municipal Hospital.—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District of Columbia, whereby one half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University. Third-year students serve their clinical clerkships at this institution.

Childrens Hospital.—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

Emergency Hospital and Central Dispensary.—Clinical instruction in medicine, surgery, and the specialties.

Garfield Memorial Hospital.—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

St. Elizabeths Hospital.—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital, with 7,320 beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

Episcopal Eye, Ear and Throat Hospital.—Clinical instruction in ophthalmology, otology, rhinology, and laryngology.

ADMISSION, REGISTRATION, FEES AND FINANCIAL REGULATIONS

Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the regulations stated on pages 10-22.

Registration in the School of Medicine is for a period of one academic year. After the student has entered the courses of instruction he is obligated for the full tuition for the academic year. No part of the tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year.

A fee of \$3 to defray the costs of completing the records for final consideration for admission must accompany each application. Fees for each term are \$300, payable in advance.

Because the number of applicants far exceeds the limit of each class places can be reserved for only those qualified applicants who remit a deposit of \$100 which will be credited toward the tuition of the first term. Should the matriculant be unable to attend, this initial payment, less a charge of \$50 for registration, transfer, etc., will be returned up to one month before the opening of the term.

Credit for work will not be given until, at the completion of a laboratory course, the student has replaced or paid for all articles of equipment or other University property which he has lost, broken, or destroyed. All breakage or loss not directly traceable to an individual student is assessed pro rata.

COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$250; second years, \$100; third year, \$75; fourth year, \$75; total \$500.

A fee of \$1 a term is charged for the use (optional) of a locker.

REGULATIONS

Students in the School of Medicine are subject to and are expected to familiarize themselves with, the general University regulations stated on pages 34-40.

ABSENCE

Absence is not allowed unless an excuse is obtained from the Dean or the instructor.

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the Office of the Dean.

For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

GRADES

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74) condition; *E* (below 64) failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

FAILURE

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.

EXAMINATIONS

Examinations, which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES

PHYSICAL EXAMINATIONS *

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY, MEDICAL UNIT

A Medical Unit of the Reserve Officers' Training Corps is established in this School by authority of the Secretary of War, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the unit.

* A charge of \$2 is made if a student fails to appear for a physical examination during the period set for this purpose.

Membership in the Unit, which is voluntary, is open to any physically fit male student who is a citizen of the United States. The instruction is divided into two two-year courses, the basic and the advanced. Students who satisfactorily complete the basic course may, up to the quota allowed by the War Department, enter the advanced course. A student who enters the advanced course receives approximately \$500 from the Government. He is obligated to complete the course.

A student who successfully completes the course is recommended for a commission in the Medical Section, Officers' Reserve Corps, if he desires appointment. A graduate may, after completion of one year's internship in a civil hospital, compete in the examinations held yearly for appointment as first lieutenant in the Medical Corps, Regular Army.

HOSPITAL APPOINTMENTS

Interns and residents are appointed annually in the University Hospital. Students who, after graduation, desire internships in other hospitals should apply directly to the institution which they wish to enter. A list of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the Office of the Dean.

COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the states, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington 1, D. C.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology and Neurological Surgery; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology; Pediatrics; Pharmacology; Physiology; Psychiatry; Surgery; and Urology.

CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

COMBINED ARTS AND MEDICINE CURRICULUM

In order to be recommended for the degree of Bachelor of Arts, the candidate must complete at least ninety credit hours of prescribed college work (at least thirty credit hours and one year of residence must be completed in Columbian College, the senior liberal arts college), and the first year of the medical curriculum. Upon satisfactory completion of the fourth year of the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

GRADUATE AND POSTGRADUATE INSTRUCTION

In cooperation with the W. K. Kellogg Foundation, the School of Medicine offers broad opportunities for graduate and postgraduate training in the various medical and surgical specialties.

The New George Washington University Hospital, to be completed in 1947, will offer graduate training in most of the specialties. In addition to the practical experience to be obtained in the wards and out-patient clinics, facilities available to the School of Medicine provide graduate instruction in the basic medical sciences.

For the practicing physician, an annual series of intensive postgraduate courses is offered, covering many of the clinical specialties. These courses are full-time and of short duration, varying from one to six weeks. Recent advances in each field are stressed.

In planning this series, advantage is taken not only of the usual facilities of the School of Medicine and affiliated hospitals, but also of the great federal hospitals and research institutions in the National

Capital. For these postgraduate courses, the Staff of the School of Medicine is augmented by a large guest faculty, selected from all parts of the country because of their eminence as teachers and specialists.

The 1947 series includes the following courses:

Neurology	Abdominal Surgery
Psychiatry	Anesthesia
Newborn and Premature	Thoracic Surgery and Endoscopy
Obstetrics	Thoracic Medicine
Gynecology	Infectious Diseases
Ocular Surgery; Pathology and	Metabolic Diseases
Orthoptics	Cardiovascular Diseases
Ophthalmology	Recent Advances in Internal
Surgery of the Extremities	Medicine

Correspondence relative to the courses discussed in this section should be addressed to the Director of Postgraduate Instruction, The School of Medicine.

In addition to the program described above, the Department of Ophthalmology offers an annual intensive one-week course in *Ocular Surgery, Pathology, and Orthoptics* and an intensive one-week course in *Ophthalmology*. Correspondence relative to these courses should be directed to the Professor of Ophthalmology, the School of Medicine.

ORTHOPTIC TECHNICIAN TRAINING COURSE

A six-month course, of 675 hours of clinical and classroom work, is offered for the training of orthoptic technicians by the Department of Ophthalmology.

MEDICAL TECHNOLOGISTS COURSE

The course for medical technologists consists of twelve consecutive months of didactic and practical work in all phases of clinical laboratory technique. The course meets the full requirements of the Registry of Medical Technologists and the American Society of Clinical Pathologists. Prerequisite: Biology, 12 credit hours of which at least 6 must be Zoology. The other 6 may be elected from: Histology, Embryology, Anatomy, Physiology, Parasitology, and Bacteriology. Chemistry: General Inorganic Chemistry, 8 credit hours of which at least 4 credit hours must be laboratory work. Quantitative Analysis: at least 4 credit

hours with not less than 1 credit hour of laboratory work. (Organic Chemistry may be substituted for Quantitative Analysis, for the present.) Electives: Sufficient to give a total of 60 hours of college credit. The following courses are highly recommended but they are not required: Physics, Biochemistry, Advanced Bacteriology, and Mathematics.

For application blanks and further information, address the Director of Admissions, The George Washington University, Washington 6, D. C.

THE LAW SCHOOL

THE FACULTY AND STAFF OF INSTRUCTION *

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
 William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law*
 Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*
 Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor Emeritus of*

Law in Residence

William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*
 Saul Chestertfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*
 ‡Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*
 James Forrester Davison, A.B., LL.M., S.J.D., *Professor of Law*
 James Oliver Murdock, Ph.B., LL.B., *Professor of Law*
 Loyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law*
 Conway Peyton Coe, A.B., LL.B., *Adjunct Professor of Law*
 Levi Russell Alden, A.M., LL.B., *Adjunct Professor of Law*
 George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*
 James Ward Morris, A.B., *Adjunct Professor of Law*
 James Robert Kirkland, A.B., LL.M., *Adjunct Professor of Law*
 John Albert McIntire, A.B., LL.B., *Professorial Lecturer in Law*
 William Randall Compton, M.B.A., LL.B., J.S.D., *Professorial Lecturer*

in Law

Clarence Altha Miller, LL.M., *Professorial Lecturer in Law*
 Justin Lincoln Edgerton, A.B., LL.B., *Professorial Lecturer in Law*

Clerk of the Moot Court

Harryman Dorsey, A.B., LL.B., *Associate Professor of Law*
 Laurens Hamilton Rhineland, A.B., LL.B., *Associate Professor of Law*
 Leroy Sorenson Merrifield, A.B., LL.B., M.P.A., *Assistant Professor of*

Law

William Leigh Ellis, A.B., LL.M., *Lecturer in Law*

THE DEAN'S COUNCIL §

Carville Dickinson Benson
 Charles Sager Collier
 James Forrester Davison
 Harryman Dorsey

William Thomas Fryer
 Leroy Sorenson Merrifield
 James Oliver Murdock
 Saul Chesterfield Oppenheim

Laurens Hamilton Rhineland

* The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, and Associate Professors constitute the Faculty.

‡ On sabbatical leave fall term 1947-48.

§ The President of the University and the Dean of the Law School are ex officio members of the council.

GENERAL INFORMATION

INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued and reorganized in 1865, is the oldest law school in the District of Columbia. Its course of instruction is planned to fit its graduates for the practice of law in any of the states of the United States or in foreign countries, the law of which is based on the Anglo-American legal system. It is also designed to prepare students for public service as lawyers in the Federal Government or the governments of the states. In 1900 the School took part in the organization of the Association of American Law Schools and it has been a member of the Association since that time. The School is approved by the Council of Legal Education of the American Bar Association.

ORGANIZATION OF THE ACADEMIC YEAR

The work of the year is organized into three terms known as the fall term, winter term, and summer term. The work undertaken in any one term may be completed by the end of that term. The summer term constitutes a full term of sixteen weeks.

THE LIBRARY

The Law School Library of 25,000 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the units of the Reporter System; the English Reprint and English Law Reports; the United States Statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all of the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks, casebooks, and legal periodicals.

The Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 5:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

THE LAW REVIEW

The *George Washington Law Review*, published by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to state and federal public law. The location of the University in the national Capital, where the primary sources of federal public

law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* is edited by a faculty editor-in-chief, a faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

RESEARCH IN PUBLIC LAW

Washington, the capital of the Nation, furnishes unsurpassed advantages for research in the fields of public law. In it are the offices of the major executive departments, the Congress, the Supreme Court of the United States, and four lower federal courts. In the executive departments and among the many independent establishments of the Federal Government there have been estimated to be between seventy-five and one hundred agencies, the activities of which involve the various branches of public law, particularly administrative law. The student of public law can study at first hand the work of these administrative agencies. He also has available as sources for investigation their records of administrative adjudications.

Research in public law will be conducted under the supervision of members of the faculty. The purpose of this research is to turn out means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are eligible for the degree of Juris Doctor may pursue this work. Other students may be admitted with the special permission of the professor in charge.

COURSE OF STUDY FOR FOREIGN LAWYERS

This course of study is designed to meet the needs of lawyers who come from countries, the legal systems of which are based on the Roman or Civil Law. It attempts to provide for such students a course sufficient to enable them to acquire an understanding of the fundamentals of the common law so that they may work intelligently with common law materials and common law practitioners. In this program the students are not assigned to special classes but work in association with other students in the common law subjects. No fixed program of required courses is attempted but for each student is worked out a program best adapted to his individual needs.

THE STUDENT BAR ASSOCIATION

Every student in the Law School is required to be a member of the Student Bar Association. This is organized to enable the student to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

Each member of the Student Bar Association receives a subscription to *The George Washington Law Review*.

PRACTICE AND PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the new Federal Rules of Civil Procedure. In addition each senior student is required to participate in the work of the practice or Moot Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is conducted devoted exclusively to the trial of patent cases.

ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-seven law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship". The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

REGULATIONS

Students in the Law School are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

HOURS OF INSTRUCTION

Students without substantial outside employment may take a full-time program of studies in the forenoon classes from 9:10 A.M. to 1:00 P.M. Primarily for the accommodation of employed students, a regular course may be taken in classes held from 6:20 to 8:00 P.M.

ATTENDANCE

Regular attendance on classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Dean's Council, be barred from taking the examination in that subject.

RESIDENCE REQUIREMENTS

A year's attendance in the evening classes is counted as residence for three-fourths of a year. A student admitted with advanced standing must complete at least one year of residence in this School and pass twenty-eight credit hours with the required average for the degree.

GRADES

At the end of each term each student is given a letter grade in each subject completed.

Grades are indicated by the letters *A*, excellent; *B*, good; *C*, satisfactory; *D*, poor—below standard for graduation; and *F*, failed.

The grades *A*, *B*, *C*, and *D*, mean that the work has been successfully completed and credit given for the subjects.

F, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of the calendar year and received a grade of *F* in only one subject may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject.

EXAMINATIONS

Every student is required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the examination in a subject will be entitled to take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject.

No special examinations will be given; except that, upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Dean's Council, be given a special examination.

EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP

A student who during a calendar year fails in courses aggregating eight or more credit hours will be excluded. Such a student is not eligible to be registered in the Law School or to attend classes in the next year.

ademic year. He may, however, be admitted to the regular examinations in that academic year in those subjects in which he has made a grade below passing, and if he receives a grade of passing in these subjects with an average sufficient to make his general average not less than *C*, he will be reinstated at the beginning of the academic year next succeeding the passing of these examinations.

A student not subject to exclusion under the foregoing rule who at the end of a calendar year has failed to maintain a general average of at least *C*, will be on probation during the next calendar year. A student on probation may at the discretion of the Dean be required to reduce his program of study. A student on probation will be excluded at the end of the probationary year unless he has made grades sufficient to give him a general average of at least *C*.

The general average of a student includes all the grades in all the subjects taken while he is in the Law School working for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the general average.

In special cases in which it is clear that the student's failure does not indicate lack of ability to pursue the study of law, the student who has become subject to exclusion may be readmitted by vote of the Dean's Council of the Law School.

No student is put on probation or excluded because of the work of one term only, or as the result of a program of less than four hours a week during the academic year.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

THE DEGREES

IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed: a residence period of not less than three academic years on a full-time basis (four years on a part-time basis) in an approved law school, the last year to be in this School; and eighty credit hours, with a general average of at least *C*, including the course in Moot Court.

REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full professional course of not less than three full years (four years on a part-time basis) including experience in research and legal authorship.

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years on a full-time basis (four years on a part-time basis) in the Law School; (2) eighty credit hours with a general average of at least *B* including the course in Moot Court and either the course in Comparative Law or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the Faculty.

HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded the student who obtains a general average of *A* in the work for the degree.

IN THE GRADUATE COURSE

These degrees are Master of Laws (LL.M.), Master of Comparative Law (M.Comp.L.), and Doctor of Juridical Science (S.J.D.).

REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed with a satisfactory average twenty credit hours of subjects in the graduate curriculum. In individual cases, third- or fourth-year subjects listed in the professional curriculum may be included in the program of study. All requirements for this degree must be completed in a period not exceeding two academic years.

REQUIREMENTS FOR THE DEGREE OF MASTER OF COMPARATIVE LAW

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed satisfactorily twenty-four credit hours of approved subjects in the curriculum of the Department of Law or of such other departments of the University as the faculty of the Law School shall approve.

REQUIREMENTS FOR THE DEGREE OF DOCTOR
OF JURIDICAL SCIENCE

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have pursued a course of study and research designated by his consultative committee and approved by the Dean's Council of the Law School. At the conclusion of his first year of residence or at such other time as the consultative committee may set, the candidate must pass an oral examination in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the faculty as may be assigned by the Dean.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his thesis in its final form and also a typewritten summary of the thesis consisting of not more than 2,500 words. To be acceptable the thesis must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Additional information will be supplied by the Dean.

The summaries of accepted theses will be printed in a volume forming a number of the University BULLETIN. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

THE SCHOOL OF ENGINEERING

THE FACULTY AND STAFF OF INSTRUCTION*

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
 Frederick Morris Feiker, B.S. in E.E., D.Eng., *Dean of the School of Engineering*
 Carl Hugo Walther, B.E., M.C.E., *Assistant Dean of the School of Engineering*

Thomas Benjamin Brown, Ph.D., *Professor of Physics*
 Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*

Arthur Frederick Johnson, M.E., Ph.D., *Professor of Mechanical Engineering*

James Henry Taylor, Ph.D., *Professor of Mathematics*

Frank Mark Weida, Ph.D., *Professor of Statistics*

Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor of Engineering Administration*

Merle Irving Protzman, Ph.D., *Professor of Romance Languages*

Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering*

Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*

Carl Hugo Walther, B.E., M.C.E., *Professor of Civil Engineering*

Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*

Newbern Smith, M.S. in E.E., Ph.D., *Professorial Lecturer in Electrical Engineering*

Waldo Edward Smith, B.E., M.S. in C.E., *Professorial Lecturer in Civil Engineering*

Milton Kent Akers, B.S., E.E., *Associate Professor of Electrical Engineering*

Wolfram Karl Legner, Ph.D., *Associate Professor of German*

Robert Gay Trumbull, B.S. in C.E., *Associate Professor of Mechanical Engineering*

Bruce Douglas Greenshields, B.S. in C.E., C.E., Ph.D., *Associate Professor of Civil Engineering*

Raymond Pugh Eyman, B.S. in C.E., *Associate Professor of Civil Engineering*

Averett Howard, A.M., *Assistant Professor of English*

* The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Associate Professors, and Assistant Professors constitute the Faculty.

- Charles Edward Greeley, B.S. in M.E., *Assistant Professor of Mechanical Engineering*
 Otakar Wenceslaus Kabelac, M.C.E., *Assistant Professor of Mechanical Engineering*
 James Joseph Kerley, Jr., A.B. in C.E., *Assistant Professor of Civil Engineering*
 Edgar Stover Walker, B.S. in C.E., *Lecturer in Civil Engineering*
 William Hayward, B.S. in C.E., *Lecturer in Civil Engineering*
 Rudolph Michel, M.S. in M.E., *Lecturer in Mechanical Engineering*
 Moses Freedman, B.S. in Eng., *Lecturer in Civil Engineering*
 George Francis Strollo, B.S. in C.E., M.C.E., *Lecturer in Civil Engineering*
 Ralph Edward Fuhrman, B.S. in C.E., M.S., *Lecturer in Civil Engineering*
 Sarkis Bagdoyan, B.S. in C.E., *Lecturer in Civil Engineering*
 John Brewster Willis, B.S. in M.E., *Lecturer in Mechanical Engineering*
 Edward Frederick Kelly, M.S., A.E., *Lecturer in Mechanical Engineering*
 Frederick Henry Kohloss, B.S. in M.E., *Instructor in Mechanical Engineering*
 Harold Harrison Dutton, B.S. in C.E., *Lecturer in Civil Engineering*
 Dwight Edward Shytle, *Lecturer in Electrical Engineering*
 Perry Harold Petersen, B.S. in C.E., *Lecturer in Civil Engineering*
 Thomas Alvin O'Halloran, B.E.E., *Lecturer in Electrical Engineering*
 Malcolm Richardson Moore, B.E.E., *Associate in Electrical Engineering*

THE DEAN'S COUNCIL *

1948

Milton Kent Akers
 Bruce Douglas Greenshields

1949

James Henry Taylor
 Charles Rudolph Naeser

1950

Benjamin Carpenter Cruickshanks
 Charles Edward Greeley

GENERAL INFORMATION

INTRODUCTORY

The School of Engineering was organized in 1884 as the Corcoran Scientific School. In 1903 that school was combined with Columbian College in the Department of Arts and Sciences. In 1905 the engineering courses were placed under an administrative organization known as the

* Elected by the Faculty. The President of the University and the Dean and the Assistant Dean of the School of Engineering are members ex officio of the council.

Washington College of Engineering and in 1909 the name was changed to the College of Engineering and Mechanic Arts. In 1914 the name became the School of Engineering.

Courses leading to the degrees of Bachelor of Civil Engineering, Bachelor of Mechanical Engineering, and Bachelor of Electrical Engineering are accredited by the Engineers' Council for Professional Development, the recognized accrediting body of the engineering profession, composed of representatives of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, the Society for the Promotion of Engineering Education, the American Institute of Chemical Engineers, and the National Council of State Boards of Engineering Examiners.

REGULATIONS

Students in the School of Engineering are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

AMOUNT OF WORK

Eighteen credit hours, including required physical education, constitute normal full-time work. Nine credit hours constitute normal part-time work.

A full-time student who is not on probation may take ordinarily not more than nineteen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take ordinarily not more than ten credit hours. A student whose quality-point index is 3.00 or higher may be permitted by the Dean to exceed these limits by not more than two credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

ATTENDANCE

The student is expected to attend every meeting of the course in which he is registered fully prepared to carry on the work required. The student is held responsible for all work in the course, and all absences must be excused before provision will be made for him to make up the work missed. Excuses for absences from examinations which have been announced in advance can be obtained only by making written application to the instructor in charge of the course.

THE BACHELOR'S DEGREES

The Bachelor's degrees are: Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering.

The degree of Bachelor of Science in Engineering may be earned with any of the following majors: Business Administration, Chemistry, Economics, Mathematics, Naval Architecture, Physics, or Statistics.

REQUIREMENTS FOR THE DEGREES

SCHOLARSHIP

The system of grading and computing scholarship is described in detail on pages 34 and 35.

In order to graduate, a student must have a quality-point index of at least 2.00. No student whose quality-point index is below 2.00 will be admitted to the junior year.

Probation.—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Dean's Council.

Suspension.—A student who has a quality-point index below 1.50 or who is placed on probation for a third term, whether successive or after an interval, will be suspended. A student suspended for poor scholarship may apply for readmission after an interval of one calendar year. He must then submit evidence to the Dean's Council that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

USE OF CORRECT ENGLISH

Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean's Council. The Council may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed for failure to make up any such deficiency in English to the satisfaction of the Dean's Council.

The foregoing regulation is to be interpreted as applying to both written and spoken English.

RESIDENCE

One year, or thirty-six credit hours, must be completed in residence in the School of Engineering. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than

thirty weeks. Unless special permission is granted by the Dean to pursue work elsewhere, the work of the senior or final year must be completed in residence.

CURRICULUM REQUIREMENTS

The satisfactory completion of one of the following curricula of 144 credit hours is required.

Variations from the prescribed curricula may be made, with the permission of the Dean's Council. A student desiring to omit a required course and substitute another must make written application to the Dean, presenting satisfactory reasons for the substitution; and written approval must be obtained before registration for the course.

FRESHMAN YEAR (FOR ALL ENGINEERING CURRICULA)

	Credit Hours
*Chem. 11-12	General Chemistry
CE 2	Plane Surveying
Engl. 1-2	Freshman English
Math. 12	Plane Analytic Geometry
Math. 19	Differential Calculus
ME 1	Engineering Survey and Orientation
ME 3	Mechanical Drawing
ME 4	Descriptive Geometry
Phys. Ed.	Physical Education
‡Phys. 6 and 7	General Physics
Total.....	144

Bachelor of Civil Engineering

SOPHOMORE YEAR

	Credit Hours
CE 21	Analytical Mechanics: Statics.....
CE 22	Analytical Mechanics: Dynamics.....
CE 23	Higher Surveying
EE 9-10	Elements of Electrical Engineering.....
Geol. 21-22	Physical and Historical Geology.....
Math. 20	Integral Calculus
Phys. Ed.	Physical Education
Phys. 8	General Physics
Elective	Economics 1-2 or modern language.....
Elective	.....
Total.....	72

* The student who has credit for high school chemistry from an accredited high school may be excused from Chemistry 11 upon passing a qualifying examination given at the beginning of each term (see "Examinations qualifying for advanced courses," in the University Calendar).

‡ The student who begins Physics with Physics 6 or 7 is subject to a qualifying examination. Credit will be given for Physics 5 or Chemistry 11 if not used for entrance requirements.

JUNIOR YEAR

Credit
Hours

CE 25-26	Engineering Materials	4
CE 123	Strength of Materials	3
CE 136	Hydraulics	3
CE 140	Materials and Hydraulics Laboratory	3
CE 141	Graphic Statics	3
CE 142	Bridge Stresses	3
CE 164	Highway Engineering	3
CE 171	Route Surveying	3
CE 172	Railroad Engineering	2
CE 187	Engineering Contracts and Specifications	2
ME 111-12	Thermodynamics	6
Speech I	Principles of Effective Speaking	3
	Total	38

SENIOR YEAR

Credit
Hours

CE 147-48	Structural Design	4
CE 149-50	Concrete and Masonry Construction	6
CE 151-52	Statically Indeterminate Structures	4
CE 181-82	Water Supply and Sewerage	6
CE 189-90	Civil Engineering Proseminar	2
ME 141-42	Management Problems	4
Elective	.....	7
	Total	33

Bachelor of Electrical Engineering

SOPHOMORE YEAR

Credit
Hours

CE 21	Analytical Mechanics: Statics	2
CE 22	Analytical Mechanics: Dynamics	3
EE 9-10	Elements of Electrical Engineering	6
Math. 20	Integral Calculus	3
Math. 132	Differential Equations	3
ME 13-14	Mechanism	4
Phys. Ed.	Physical Education	2
Phys. 8	General Physics	2
Phys. 55	Physical Measurements	2
Speech I	Principles of Effective Speaking	3
Elective	Economics 1-2 or modern language	6
	Total	36

1. Communications Option

JUNIOR YEAR

CE 123	Strength of Materials.....	3
EE 105-6	Direct-Current Laboratory	4
EE 107	Electric Circuits	3
EE 108	Alternating-Current Machinery	3
EE 111-12	Electrical Measurements	4
EE 118	Advanced Network Theory	3
EE 120	Advanced Network Laboratory	2
ME 111-12	Thermodynamics	6
Phys. 132	Electronics	3
Elective	.....	5
Total.....		36

SENIOR YEAR

CE 25-26	Engineering Materials	4
CE 136	Hydraulics	3
EE 109	Alternating-Current Machinery	3
EE 119	Advanced Network Theory.....	3
EE 121	Advanced Network Laboratory.....	4
EE 133-34	Alternating-Current Laboratory	3
EE 142	Radio Wave Propagation.....	3
EE 146	Radio Wave Propagation Laboratory.....	3
EE 148	Applications of Electronic Devices.....	3
EE 189-90	Proseminar in Electrical Engineering.....	3
Phys 133	Electronics	4
Elective	.....	5
Total.....		36

2. Power Option

JUNIOR YEAR

CE 123	Strength of Materials.....	3
CE 136	Hydraulics	4
EE 105-6	Direct-Current Laboratory	3
EE 107	Electric Circuits	3
EE 108	Alternating-Current Machinery	4
EE 111-12	Electrical Measurements	3
EE 136	Hydro-Electric Engineering	6
EE 137	Electric Traction	3
ME 111-12	Thermodynamics	3
Phys. 132	Electronics	3
Elective	.....	6
Total.....		36

SENIOR YEAR		Credit Hours
CE 25-26	Engineering Materials	4
EE 109	Alternating-Current Machinery	3
EE 125-26	Principles of Electric Power Transmission	4
EE 133-34	Alternating-Current Laboratory	4
EE 138	Industrial Electrical Power Applications	2
EE 139	Illumination Engineering	2
EE 140	Electrical Design	3
EE 189-90	Proseminar in Electrical Engineering	2
ME 115	Mechanical Laboratory	2
Elective	Business Administration or Economics	6
Elective	.....	4
Total		36

Bachelor of Mechanical Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics	2
CE 22	Analytical Mechanics: Dynamics	3
EE 9-10	Elements of Electrical Engineering	6
Math. 20	Integral Calculus	3
ME 7	Machining Drawing	2
ME 8	Mechanism Drawing	2
ME 13-14	Mechanism	4
Phys. Ed.	Physical Education	2
Phys. 8	General Physics	2
Phys. 55	Physical Measurements	2
Elective	Economics 1-2 or modern language	6
Elective	Mathematics	3
Total		37

JUNIOR YEAR		Credit Hours
CE 25-26	Engineering Materials	4
CE 123	Strength of Materials	3
CE 136	Hydraulics	3
CE 140	Materials and Hydraulics Laboratory	2
CE 141	Graphic Statics	3
EE 13-14	Direct- and Alternating-Current Laboratory	4
ME 111-12	Thermodynamics	6
ME 141-42	Management Problems	4
Speech I	Principles of Effective Speaking	3
Elective	.....	3
Total		35

SENIOR YEAR		Credit Hours
ME 115-16	Mechanical Laboratory	4
ME 126	Methods of Manufacture	2
ME 127-28	Machine Design	4
ME 129-30	Power Plants	6
ME 131-32	Heating, Ventilating, Air Conditioning, and Refrigeration	4
ME 133	Combustion Engines	3
ME 139	Fluid Dynamics	3
ME 140	Dynamics of Machinery	3
ME 189-90	Proseminar in Mechanical Engineering.....	6
Elective	.....	6
Total.....		36

Bachelor of Science in Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics.....	3
CE 22	Analytical Mechanics: Dynamics.....	3
EE 9-10	Elements of Electrical Engineering.....	6
Math. 20	Integral Calculus	3
ME 13-14	Mechanism	4
Phys. Ed.	Physical Education	1
Phys. 8	General Physics	3
Elective	Business Administration or Speech.....	3
Elective	Economics 1-2 or modern language.....	3
Elective	Mathematics	3
Elective	Physics	3
Total.....		27

JUNIOR YEAR		Credit Hours
CE 25-26	Engineering Materials	4
CE 123	Strength of Materials.....	3
CE 136	Hydraulics	3
CE 140	Materials and Hydraulics Laboratory.....	4
EE 13-14	Direct- and Alternating-Current Laboratory.....	6
ME 111-12	Thermodynamics	14
Elective	.....	6
Total.....		36

SENIOR YEAR		Credit Hours
Bus. Adm. 101	Business Organization and Combination.....	3
Bus. Adm. 102	Business Management	3
Geol. 21-23	Physical and Historical Geology.....	6
ME 141-42	Management Problems	4
Elective	.....	19
Total.....		36

The purpose of the Bachelor of Science in Engineering curriculum is to allow a student who has demonstrated his ability to do better than passing work to center his attention upon a group of subjects in which he has special interest. Options may be elected in Business Administration, Chemistry, Economics, Mathematics, Naval Architecture, Physics, or Statistics. The student's choice of subjects for the entire junior and senior years must be submitted to the Dean's Council for approval before the beginning of the junior year. The student must comply with such requirements as to subjects, schedules, and scholarship as the department concerned may prescribe.

Curricula recommended by the several departments in which options may be elected are available in the Office of the Dean of the School of Engineering for the guidance of students in arranging their programs. Variations from these curricula may be made to satisfy the needs of the exceptional individual student. However, any variation must be approved in writing by the major department and the Dean's Council.

THE PROFESSIONAL DEGREES

The professional degree of Civil Engineer, Electrical Engineer, or Mechanical Engineer may be conferred upon a graduate of the School of Engineering who has demonstrated his professional ability.

REQUIREMENTS FOR THE DEGREES

1. Application may not be made sooner than three years after graduation, and then only if the candidate has had responsible charge of engineering work.

2. A detailed statement of the candidate's experience, references, the degree sought, and the title of the dissertation must be filed with the Dean eight months before the Commencement at which the degree is to be conferred.

Detailed information concerning the preparation of the dissertation may be obtained from the Office of the Dean.

THE SCHOOL OF PHARMACY

THE FACULTY AND STAFF OF INSTRUCTION *

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University*
CHARLES WATSON BLIVEN, M.S., *Dean of the School of Pharmacy*

WALTER LYNN CHENEY, Ph.D., *Professor of Physics*
IRA BOWERS HANSEN, Ph.D., *Professor of Zoology*
PAUL WILLIAM BOWMAN, Ph.D., *Professor of Biology*
LAWSON EDWIN YOCUM, Ph.D., *Professor of Botany*
CHARLES WATSON BLIVEN, M.S., *Professor of Pharmaceutical Chemistry*
WILLIAM PAUL BRIGGS, M.S., Sc.D., *Professorial Lecturer in Pharmacy*
ALAN THOMAS DEIBERT, A.M., *Associate Professor of Romance Languages*
CHESTER ELWOOD LEASE, Ph.D., *Associate Professor of Physiology*
ANGUS MACIVOR GRIFFIN, Ph.D., *Associate Professor of Bacteriology*
GRETCHEN LOUISA ROGERS, Ph.D., *Associate Professor of German*
CARLETON RAYMOND TREADWELL, Ph.D., *Associate Professor of Biochemistry*
ROBERT CORBIN VINCENT, Ph.D., *Assistant Professor of Chemistry*
ASA VERNON BURDINE, *Lecturer on Pharmaceutical Economics*
HAROLD CLAYTON KINNER, B.S. in Phar., *Lecturer on Pharmaceutical Law*
JANE GASS, M.S., *Instructor in Pharmacology and Pharmacognosy*
ARTHUR WILLIAM JONES, Phar.G., *Instructor in Pharmacy*
PAUL EDGAR TULLAR, A.B., *Research Associate in Pharmacology*

SEMINAR LECTURERS

JAMES JOHNSON DURRETT, M.S., Phar.G., M.D., *Professorial Lecturer on Drug Control Problems*
CARSON PETER FRAILEY, Phar.D., *Professorial Lecturer on Industrial Pharmacy*
WARREN FALES DRAPER, A.B., M.D., *Professorial Lecturer on Public Health*
FREDERICK JOHN CULLEN, Phar.G., M.D., *Professorial Lecturer on Drug Manufacture*
JAMES ALBERT HORTON, LL.B., *Professorial Lecturer on Drug Trade Regulations*
JOHN CHRISTIAN KRANTZ, Jr., Ph.D., *Professorial Lecturer on Pharmaceutical Research*

* The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.

Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug Standards*
 George Clemens Ruhland, M.D., *Professorial Lecturer on Hygiene and Sanitation*
 Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contemporary Pharmacy*
 George Potter Larrick, *Professorial Lecturer on Drug Control*
 Robert Philipp Fischelis, B.S., Phar.D., Sc.D., *Professorial Lecturer on Pharmaceutical Organizations*

COMMITTEES •

ADVISORY COMMITTEE

Howard Bradbury Augustus Carrier Taylor

THE DEAN'S COUNCIL ‡

Walter Lynn Cheney Jane Gass
 Lawson Edwin Yocum

COMMITTEE ON SCHOLARSHIP

Ira Bowers Hansen Lawson Edwin Yocum, *Chairman*
 Robert Corbin Vincent

GENERAL INFORMATION

INTRODUCTORY

In 1867 the foundation for the National College of Pharmacy was laid by the Apothecaries' Association of the District of Columbia. The College was opened in 1872 and continued until 1906, when it became affiliated with The George Washington University.

The School of Pharmacy is accredited by the American Council on Pharmaceutical Education.

The School of Pharmacy is a member of the American Association of Colleges of Pharmacy.

Washington offers many opportunities for the study of pharmacy. Not only are the facilities of government laboratories and libraries open to the student, but the School of Pharmacy is located only a few blocks from the American Institute of Pharmacy building, in which has been established a pharmaceutical museum and library, and research laboratories which have brought to Washington the outstanding men of the profession.

* The President of the University and the Dean of the School of Pharmacy are members ex officio of all committees.
 ‡ Elected by the Faculty.

REGULATIONS

Students in the School of Pharmacy are subject to and are expected to familiarize themselves with the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES as stated on pages 10-22, and the University regulations stated on pages 34-40.

AMOUNT OF WORK

Normal work for any year is that outlined under the head of "Curriculum Requirements", below. A student who wishes to take more than the normal amount of work may do so only with the permission of the Committee on Scholarship, the members of which are guided in their decision by his scholastic record and the extent to which he is employed. A student on probation is limited in the amount of work he may carry.

ATTENDANCE

Except by special permission of the instructor, credit will not be given for any course if absences, including both lecture and laboratory, exceed in number for each term the hours of credit for the term.

Absence consists of being away from a lecture or a laboratory, entering after the lecture or laboratory has begun, or leaving before either is dismissed.

EXAMINATIONS BEFORE STATE BOARDS OF PHARMACY

To be eligible for examination before most state boards of pharmacy the applicant is required to present satisfactory evidence of college graduation and in addition must have had from one to four years of practical experience in a pharmacy where prescriptions are compounded. The student is not encouraged to undertake professional work while attempting a full course of study. A student who maintains a quality-point index of 2.00 or higher, may be granted permission by the Dean to acquire a limited amount of this professional experience by working in a pharmacy while carrying a full schedule. A student who falls below a quality-point index of 2.00 will be required to reduce his academic load, or to limit his professional-experience time to less than twenty-four hours a week.

THE DEGREE OF BACHELOR OF SCIENCE IN PHARMACY

Upon the satisfactory completion of the requirements of the School of Pharmacy, the degree of Bachelor of Science in Pharmacy is conferred.

REQUIREMENTS FOR THE DEGREE

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 34 and 35.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in all pharmacy courses.

Probation.—A student must maintain a quality-point index of at least 2.00, or be placed on probation where he will remain as long as he fails to attain this index.

Suspension.—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, will be suspended. A student who receives a grade of *E* or *F* in two courses in any one term will be suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Dean of the School of Pharmacy that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

CURRICULUM

The laboratory method of teaching is used. Recitation classes are held in connection with each course in order to provide systematic drill in the subjects.

The curriculum requirements include at least 126 credit hours. The following curriculum leads to the degree of Bachelor of Science in Pharmacy.

Freshman and Sophomore Years

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Courses in the Junior College (see page 58).....	704	864	69	1568

Junior Year: Fall Term

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Chemistry 151.....	48	48	4	96
Economics 1.....	48	.....	3	48
Pharmacy 105.....	32	.....	2	32
Pharmacy 109.....	32	48	3	80
Physiology 115.....	48	.....	3	48
Physiology 117.....	.....	48	1	48
Total.....	208	144	16	352

Junior Year: Winter Term

Bacteriology 112.....	48	96	4	144
Chemistry 152.....	48	48	4	96
Pharmacy 102.....	32	96	4	128
Pharmacy 106.....	32	.....	2	32
Pharmacy 110.....	32	48	3	80
Total.....	192	288	17	480

Senior Year: Fall Term

•Biochemistry 221.....	32	64	4	96
Pharmacy 103.....	32	96	4	128
Pharmacy 165.....	48	.....	3	48
Pharmacy 173.....	32	96	4	128
Pharmacy 187.....	16	.....	1	16
Total.....	160	256	16	416

* With permission of the Dean, Biochemistry 331-32 may be replaced by other course purposes of specialization.

Senior Year: Winter Term

Bacteriology 220.....	32	.....	2	32
*Biochemistry 222.....	32	64	4	96
Pharmacy 166.....	32	48	3	80
Pharmacy 176.....	16	.....	1	16
Pharmacy 178.....	32	.....	2	32
Pharmacy 188.....	16	.....	1	16
Pharmacy 192.....	.....	.....	.....	.....
Elective .....	.....	144	3	144
Total.....	160	256	16	416
Grand total.....	1424	1808	134	3232

THE DEGREE OF MASTER OF SCIENCE IN PHARMACY

Upon the satisfactory completion of the graduate requirements of the School of Pharmacy, the degree of Master of Science in Pharmacy is conferred.

DEFINITION OF THE MASTER'S WORK

The study leading to the degree of Master of Science in Pharmacy is a comprehensive survey of one or more of the fields of knowledge embraced by Pharmacy. It is a continuation of the work of the student's undergraduate major and involves a greater acquaintance with scholarly method.

The student must satisfy certain minimum requirements as to previous preparation, residence, ability to read an approved modern foreign (European) language, and courses taken; but these requirements, while essential, are regarded primarily as qualifying measures. The student's knowledge of his field, as demonstrated by his thesis and by the results of his Master's examination (together with such other examinations involving special skills or techniques as may be required), is the basis upon which the Master's degree is conferred. The foreign language requirement may be waived by faculty action in the instance of students whose field of study at the Master's level may not require such preparation.

* With permission of the Dean, Biochemistry 231-23 may be replaced by other courses, for purposes of specialization.

REQUIREMENTS FOR THE DEGREE

RESIDENCE

An academic year of residence is required, i.e., completion of a minimum of thirty credit hours of work including the thesis, which is counted as the equivalent of six credit hours of course work. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Not more than twelve credit hours (which must be approved in advance by the Dean of the School of Pharmacy) may be taken in another school or division of this University, and such work may not be counted toward both a degree in that school or division and the Master's degree in the School of Pharmacy.

AMOUNT OF WORK

A student whose previous preparation in his chosen field has been adequate may complete his requirements, including the thesis, by a minimum of thirty credit hours; others are required to do additional work. First-group courses may not be credited toward the Master's degree. Pharmacy courses numbered below 200 may not be credited toward the Master's degree.

ADMISSION TO CANDIDACY

In addition to admission requirements stated on page 16, the applicant for admission to candidacy for the Master's degree must be approved by the appropriate representative of the department of Pharmacy and by the Dean.

SCHOLARSHIP

A student whose scholarship is considered unsatisfactory may be suspended by the Dean upon recommendation of the staff member under whom the student is working.

THE MASTER'S THESIS

The thesis may be of a research, expository, critical, or creative type. The main purpose of a Master's thesis is to demonstrate the student's ability to make independent use of the information and training acquired through his other disciplines, and to furnish objective evidence of his constructive powers in his chosen field. Registration for the thesis must be no later than the beginning of the final year of preparation, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge of the student's field and recorded in the Office

of the Registrar by the date announced in the University calendar. Registration for the thesis is ordinarily made on the basis of three credit hours for two successive terms. In exceptional cases, and with the approval of the professor in charge of the thesis, the student may register for the entire six credit hours during a single term. The type-written thesis in its final form must have the approval of the professor in charge of the student's field and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 38, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period the student must register for it again, and pay tuition on the same basis as for a repeated course.

FINAL EXAMINATION

In addition to the course examinations, the candidate must pass a final examination on the thesis and its related fields. This examination may be either written or oral at the discretion of the faculty.

If the thesis is submitted more than three years after the course requirements have been completed, a written examination covering the student's complete program of study will also be required.

THE SCHOOL OF EDUCATION

THE FACULTY AND STAFF OF INSTRUCTION •

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University*
JAMES HAROLD FOX, A.M., Ed.D., *Dean of the School of Education*

HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages*
WILLIAM CULLEN FRENCH, Ph.D., *Professor of Education*
RUTH HARRIET ATWELL, A.M., *Professor of Physical Education for Women*
FRANK MARK WEIDA, Ph.D., *Professor of Statistics*
MITCHELL DREESE, Ph.D., *Professor of Educational Psychology*
JAMES HAROLD FOX, A.M., Ed.D., *Professor of Education*
THELMA HUNT, Ph.D., M.D., *Professor of Psychology*
FRANCES KIRKPATRICK, A.M., *Professor of Home Economics*
WILLIAM HENRY MYERS, A.M., *Professor of Physical Education for Men*
BURNICE HERMAN JARMAN, A.M., Ed.D., *Professor of Education*
MEREDITH CHESTER WILSON, B.S., *Adjunct Professor of Education*
RUTH COYNER LITTLE, Ph.D., *Professorial Lecturer in Education*
LINDLEY HOAG DENNIS, A.M., Voc.Ed.D., *Professorial Lecturer in Education*
RAY LAFOREST HAMON, Ph.D., *Professorial Lecturer in Education*
BENJAMIN FRANKLIN KYKER, A.M., *Professorial Lecturer in Education*
CHESTER ELWOOD LEESE, Ph.D., *Associate Professor of Physiology*
HELEN BENNETT LAWRENCE, A.M., *Associate Professor of Physical Education for Women*
KATHRYN MILDRED TOWNE, A.M., *Associate Professor of Home Economics*
CHARLES EDWARD BISH, A.M., Ed.D., *Associate Professor of Education*
ELIZABETH BURTNER, A.M., *Associate Professor of Physical Education for Women*
DOROTHY HELENE VEON, A.M., Ed.D., *Assistant Professor of Secretarial Studies*
MARGARET OLIVE OSBORN, M.S., *Assistant Professor of Home Economics*
VIRGINIA LORETTA DENNIS, A.B., *Assistant Professor of Physical Education for Women*
RAYMOND GEORGE HANKEN, B.S. in P.E., *Assistant Professor of Physical Education for Men*

• The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.

Marjorie Tate, A.M., *Assistant Professor of Physical Education for Women*

Arthur Hoppe, M.S., *Assistant Professor of Education*

LuVerne Crabtree Walker, A.M., *Lecturer in Education*

Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*

Helen Barton Goodwin, A.M., *Lecturer in Education*

Catherine Prentiss, B.S., *Instructor in Physical Education for Women*

CONSULTANTS IN RESEARCH

Howard Richmond Anderson, Ph.D., *Research Associate in Education*

Benjamin William Frazier, Ed.D., *Research Associate in Education*

READING CLINIC

Jane Frost Hilder, *Supervisor of the Clinic*

Marion DeFries Hall, A.M., *Chief Clinician*

Marie Marguerite Neeb, A.M., *Assistant Clinician*

COMMITTEES •

THE DEAN'S COUNCIL ‡

1948

Frank Mark Weida

Ruth Harriet Atwell

1949

Mitchell Dreese

Helen Bennett Lawrence

1950

Charles Edward Bish

Dorothy Helene Veon

COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*

Harold Griffith Sutton

Frances Kirkpatrick

William Henry Myers

Frank Mark Weida

Burnice Herman Jarman

Ruth Harriet Atwell

COMMITTEE ON SCHOLARSHIP

Charles Edward Bish, *Chairman*

William Henry Myers

Helen Bennett Lawrence

Kathryn Mildred Towne

• The President of the University and the Dean of the School of Education are members ex officio of all committees.

‡ Elected by the Faculty.

GENERAL INFORMATION

INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their education. The School includes the departments of Education, Physical Education, and Home Economics. It offers both graduate and undergraduate work. Other departments of the University provide general education and subject-matter courses needed for a well-balanced program of teacher education.

The schedule of courses is arranged to meet the convenience of both full-time and part-time students. By attending evening, Saturday, and summer classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

To help children and adults with reading difficulties, the School of Education operates a reading clinic for diagnosis and treatment.

REGULATIONS

Students in the School of Education are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22, and the University regulations stated on pages 34-40.

AMOUNT OF WORK

A normal program of work for an undergraduate student is sixteen or seventeen credit hours. A student with a quality-point index of 3.0 or higher may, with the Dean's permission, take nineteen hours. More than nineteen hours may not be taken except by special permission of the Committee on Scholarship.

For an employed student ten credit hours constitute a normal program. A student with a quality-point index of 3.00 or higher for the preceding term may be permitted by the Dean to take twelve or thirteen credit hours.

For a graduate student twelve credit hours, exclusive of the thesis, constitute a normal program. An employed student may not take more than nine credit hours.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Education, the degree of Bachelor of Arts in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Physical Education is conferred.

The program of work of each student must be approved by a Faculty adviser. Since each student's program of work will be defined by his particular needs, it is important that the student have a clear conception of his major interest in education, and also that he be familiar with the teaching-certificate requirements in the locality in which he expects to teach.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements.

RESIDENCE

For full details concerning continuous registration, see page 34.

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 34 and 35.

In order to graduate, a student must have a quality-point index of at least 2.00.

Probation.—An undergraduate student who fails to maintain a quality-point index of at least 2.00 will be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

Suspension.—An undergraduate student who fails to pass (i.e., who receives a grade of E or F) in half or more than half of his work, based on a minimum of sixteen credit hours, will be suspended.

A student who has been suspended for poor scholarship may within ten days appeal his case to the Committee on Scholarship through the Dean. If the case appears to be remediable and the student appears likely to improve in his scholarship thereafter, the Committee may readmit him on probation. A student who has been denied readmission on probation may petition the Committee on Scholarship through the Dean for readmission after the lapse of a calendar year. A student who has been suspended twice will not be readmitted.

CURRICULUM REQUIREMENTS

In any of the following curricula at least thirty credit hours must consist of courses numbered above 100.

Bachelor of Arts in Education

Programs leading to the degree of Bachelor of Arts in Education have three main objectives: (1) provision of general educational backgrounds, (2) a functional command of ideas, concepts, knowledges, and skills in one or more teaching fields, and (3) a mastery of basic professional information and skills adequate for a beginning teacher. Since the contents of teaching fields differ in scope and complexity, some programs are longer than others in terms of credit hours. None require less than 126 credit hours of satisfactory work, exclusive of required Physical Education. Normally, 60 credit hours of the total requirement are completed in the Junior College of the University or in an equivalent institution elsewhere. (See Curriculum D-1 in the Junior College, p. 58.)

The general educational backgrounds needed by prospective teachers are obtained through: (1) pre-college education, (2) college courses (3) work experience, (4) leadership activities, (5) participation in student campus activities, and (6) utilization of off-campus cultural opportunities.

Teaching-field requirements include satisfactory completion of prescribed academic courses in one or more fields, a satisfactory score on the special field examination of the National Teacher Examinations, and satisfactory completion of the prescribed special methods courses. Programs of study are available in the following fields: art, biology, business education, chemistry, elementary education, English, French, geography, German, history, mathematics, physics, social studies, Spanish, and speech.

The basic professional information and skills needed by beginning teachers are provided through four one-year courses, two in each of the junior and senior years. Lectures and class discussions are closely coordinated with field work. Instruction is differentiated to meet the needs of those preparing to teach on the various levels—elementary school, junior high school, senior high school, and adult.

PROFESSIONAL COURSES

Education 109-10: Learning and Teaching.....	6
Education 121-22: Society and the School.....	3
Education 131: Common Teaching Skills.....	3
Education 133-34: Observation and Practice Teaching.....	2
Education 136 to 150: Special Methods.....	23-27

Total.....

Additional information concerning these programs may be obtained by writing to the Dean of the School of Education.

Bachelor of Science in Home Economics

The curriculum leading to this degree is designed to prepare young women for the important responsibility of home-making. The program

can be adapted, however, to meet special requirements in nutrition, dietetics, clothing, and other related fields. Each student must plan her work with the assistance of a Faculty adviser in the Department of Home Economics.

GENERAL HOME-MAKING

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Home Economics 53.....	3		Home Economics 152.....	3	
Home Economics 72.....	3		Home Economics 171.....	3	
Home Economics 102.....	3		Home Economics 181.....	3	
Home Economics 123.....	3		Home Economics 192.....	3	
Physiology 115	3		Home Economics 197-98.....	6	
Electives.....	15		Psychology 125	3	
			Electives.....	9	
Total.....	30		Total.....	30	

Bachelor of Science in Physical Education for Men

There are three curricula leading to this degree. The Dual-Major Teacher's Course is designed to prepare students for teaching positions in smaller schools where it is necessary to teach an academic subject in addition to physical education. The Single-Major Teacher's Course prepares for the teaching of physical education in the larger schools. The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to the teaching of physical education.

The minimum requirements for this degree are sixty-six credit hours, distributed as follows:

DUAL-MAJOR TEACHER'S COURSE

The minimum requirements for this degree are twenty-four credit hours in physical education, eighteen credit hours in education, eighteen credit hours in an academic teaching field, three credit hours in physiology, and three credit hours of electives, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 121-22	6		Education 131.....	3	
Education electives	3		Education 133-34.....	6	
Physical Education 102.....	3		Physical Education 103.....	3	
Physical Education 107.....	2		Physical Education 122.....	3	
Physical Education 113-14.....	4		Physical Education 131.....	3	
Physical Education electives.....	3		Physical Education 138.....	3	
Physiology 115	3		Academic teaching field.....	9	
Academic teaching field.....	9		Electives.....	3	
Total.....	33		Total.....	33	

SINGLE-MAJOR TEACHER'S COURSE

The minimum requirements for this degree are thirty-five credit hours in physical education, eighteen credit hours in education, three credit hours in physiology, and ten credit hours of electives:

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Education 121-22.....	6	Education 131.....	3
Education electives.....	3	Education 133-34.....	3
Physical Education 102.....	3	Physical Education 103.....	3
Physical Education 107.....	2	Physical Education 122.....	3
Physical Education 109-10.....	4	Physical Education 124.....	3
Physical Education 113-14.....	4	Physical Education 125.....	3
Physical Education 115-16.....	4	Physical Education 131.....	3
Physiology 115.....	3	Physical Education 138.....	3
Electives.....	4	Electives.....	10
Total.....	33	Total.....	33

PHYSICAL EDUCATION AND RECREATION COURSE

The minimum requirements for this course are sixty-six credit hours distributed as follows:

JUNIOR YEAR	Credit Hours	SENIOR YEAR	Credit Hours
Education 121-22.....	6	Education 131.....	3
Physical Education 102.....	3	Education 133-34.....	3
Physical Education 107.....	2	Physical Education 103.....	3
Physical Education 109-10.....	4	Physical Education 122.....	3
Physical Education 113-14.....	4	Physical Education 131.....	3
Physical Education 151-52.....	6	Physical Education 138.....	3
Electives.....	8	Physical Education 153-54.....	3
Total.....	33	Physical Education 161-62.....	3
		Total.....	53

Bachelor of Science in Physical Education for Women

There are three curricula leading to this degree. The Dual-Major Teacher's Course is designed to prepare students for teaching positions in smaller schools where it is necessary to teach an academic subject in addition to physical education. The Single Major Teacher's Course prepares for the teaching of physical education in the larger schools. The Physical Education and Recreation Course has been planned for those who wish to be prepared to direct programs of recreation in addition to the teaching of physical education.

The minimum requirements for this degree are sixty-six credit hours distributed as follows:

DUAL OR SINGLE MAJOR TEACHER'S COURSE

The student desiring to prepare herself to teach another subject in addition to Physical Education for Women may do so by choosing her elective hours from one subject-matter field with the advice of the Dean of the School of Education. Relevant work completed in the Junior College may be counted in this subject-matter field.

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 121-22.....	6		Education 133-34.....	6	
Physical Education 102.....	3		Physical Education 119-20.....	4	
Physical Education 103.....	2		Physical Education 121, 122.....	6	
Physical Education 105-6.....	6		Physical Education 130.....	3	
Physical Education 111-12.....	4		Physical Education 131.....	3	
Physical Education 132.....	1		Physical Education 140.....	3	
Physiology 115.....	3		Academic teaching field or electives.....	8	
Academic teaching field or electives.....	8				
Total.....	33		Total.....	33	

PHYSICAL EDUCATION AND RECREATION COURSE

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 121-22.....	6		Education 133-34.....	6	
Physical Education 48.....	2		Physical Education 119.....	2	
Physical Education 102.....	3		Physical Education 121, 122.....	6	
Physical Education 103.....	2		Physical Education 140.....	3	
Physical Education 105-6.....	6		Physical Education 153-54.....	6	
Physical Education 111-12.....	4		Physical Education 161.....	3	
Physical Education 132.....	1		Electives.....	7	
Physical Education 151-52.....	6				
Physiology 115.....	3				
Total.....	33		Total.....	33	

THE DEGREE OF MASTER OF ARTS IN EDUCATION

Upon the satisfactory completion of the graduate requirements of the School of Education, the degree of Master of Arts in Education is conferred. This is a professional degree, designed to prepare the student for some particular type of educational service. The program of studies leading to the degree will be selected by the candidate and his adviser from the various related departments of the University to give the student an adequate background in his chosen vocational field. For the prospective high school or junior high school teacher this will ordinarily include study in the subject which he is planning to teach as well as in the field of education.

In accordance with the foregoing general pattern of work, graduate programs of study are available in early childhood education, elementary

education in the intermediate grades, elementary school administration, guidance, agricultural education, adult education, and the various teaching fields in secondary education. Programs of work for teachers-in-service are differentiated from those for students without teaching experience. Additional information concerning these programs may be obtained by writing to the Dean.

ADMISSION TO CANDIDACY

In addition to admission requirements stated on pages 16 and 17, the applicant for admission to candidacy for the Master's degree must (1) have a general undergraduate quality-point index of at least 2.50, (2) have demonstrated a genuine interest in teaching, and (3) be in possession of personality traits that give promise of better-than-average success as a teacher. Those desiring to prepare for positions in guidance or administration must have had at least two years of successful teaching experience. Candidates who have had no professional courses must satisfactorily complete 12 credit hours of undergraduate professional courses, including Observation and Practice Teaching, in addition to graduate course requirements.

ADVANCED STANDING

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree, but a minimum of thirty credit hours must be completed at The George Washington University as a matriculated candidate in the School of Education.

Advanced courses completed in excess of the requirements for the Bachelor's degree in this University may be credited toward the Master's degree to the extent of twelve credit hours, provided the work fits in with the student's plan of specialization and is approved in writing by the Dean before being undertaken.

Work completed more than three years prior to registration for the Master's degree at this University will be credited only after the candidate has satisfied the department concerned that he is proficient in the subject matter of the courses offered for credit. Such proficiency may be determined by examination or by other means.

REQUIREMENTS FOR THE DEGREE

RESIDENCE

A candidate must pass in resident study in the School of Education of this University at least two terms, or one term and two six-week summer sessions, or four six-week summer sessions.

PLANS OF STUDY

Two plans of study lead to the degree of Master of Arts. Plan I requires a minimum of thirty hours of graduate credit, including a thesis

carrying six hours of graduate credit. *Plan 2* requires a minimum of thirty-three hours of graduate credit, including a course in *Educational Research Methods and Procedures* carrying three hours of graduate credit.

SELECTION OF COURSES

Programs of study under *Plan 1* must include a minimum of twelve credit hours from third group courses in addition to the thesis. Under *Plan 2* a minimum of eighteen credit hours, in addition to the course in *Educational Research Methods and Procedures*, must be from third group courses.

Programs of study must include a minimum of twelve credit hours from courses offered in the Department of Education.

When programs of study include additional academic preparation in one or more teaching fields, undergraduate and graduate courses combined must be at least equivalent to the undergraduate requirements of the Bachelor of Arts degree in the teaching field concerned.

THE THESIS

The thesis required under *Plan 1* must conform to standards prescribed by the Committee on Theses. A statement of these standards may be obtained at the Office of the Dean.

The thesis subject must be approved in writing by the candidate's adviser and recorded in the Office of the Registrar by the date announced in the University calendar. One typewritten original and three legible and complete carbon copies of the thesis in its final form must be presented to the Dean by the candidate not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 38, and additional information will be supplied by the Dean.

Payment of tuition for the thesis will entitle the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.

COMPREHENSIVE EXAMINATION

In addition to the course examinations, the candidate must pass a professional comprehensive examination which shall take into account his area of specialization.

FIVE-YEAR PROGRAM

A candidate entering the School of Education from the Junior College (or with equivalent preparation) may choose a three-year program lead-

ing to the degrees of Bachelor of Arts and Master of Arts in Education to be conferred simultaneously. The first year of this combined program will be devoted to teaching-field preparation; the work of the second year will include the Bachelor of Arts junior-year professional courses and a maximum of eighteen credit hours of graduate courses; that of the third and final year, senior-year undergraduate professional courses and the remaining graduate courses needed for the Master's degree. Observation and Practice Teaching to be elected in the third year may not be taken for graduate credit. A quality-point index of at least 2.50 must be attained before beginning the work of the senior year and the program must meet all the requirements of the degrees of Bachelor of Arts and the Master of Arts in Education.

THE DEGREE OF DOCTOR OF EDUCATION

The requirements for the degree of Doctor of Education cannot be stated in credit hours, but they consist in general of at least two full years of work beyond the degree of Master of Arts in Education or the equivalent. The programs of study are designed to prepare students for administrative or supervisory positions, the teaching of education in normal schools or colleges, the teaching of an academic subject in schools or colleges, or for specialized types of educational service. The work is given a practical rather than a theoretical bent, and emphasizes the mastery and application of subject matter, both in the study requirements and in the dissertation. Special emphasis is placed upon the professional success of the candidate.

The candidate's program of study largely depends upon his previous educational background and his professional objective. Opportunities are provided for study leading to the following professional objectives: school superintendent, secondary school principal, supervisor, director of guidance, director of curriculum development, professor of education, and specialist in educational research.

QUALIFICATIONS OF THE APPLICANT

The candidate for the degree of Doctor of Education must have completed (1) graduate work in fields prerequisite to his objective, equivalent to that required for the degree of Master of Arts in Education in The George Washington University, and (2) at least three years of successful educational experience.

ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree the applicant must be accepted by the Faculty of the School of Education on the basis of an examination conducted by a committee appointed by the Dean. This examination will usually include the following: (1) a written examination

involving problems related to the applicant's background; (2) a scholastic-aptitude test; (3) an oral examination.

CONSULTATIVE COMMITTEE

If the applicant is accepted as a candidate, his consultative committee will counsel the candidate and guide his work.

The consultative committee, in cooperation with the candidate, will (1) determine the candidate's fields of study, in each of which the candidate must pass a written examination at least eight months before he presents himself for the degree; (2) formulate a list of course requirements and of readings that will assist him in preparing for these examinations; and (3) designate the tools of investigation that will be needed by the candidate in the prosecution of his study. These tools may include one or more foreign languages, statistical methods, historical criticism, or any others considered essential by the committee. An examination in the tools designated must be passed by the candidate before he takes his comprehensive examination.

THE DISSERTATION

When the candidate has satisfied the requirements of his consultative committee, the committee is dissolved. A member of the faculty, in whose field the topic of the dissertation falls, is then appointed to serve as the candidate's adviser on his dissertation and in his field of specialization, and to recommend him to the Dean for the final oral examination when, in his judgment, the candidate's dissertation is acceptable.

Not later than the date specified in the University calendar the candidate shall submit to the Dean of the School of Education four copies of his dissertation—one typewritten original and three legible and complete carbon copies, on official thesis paper—and also a typewritten summary of the dissertation consisting of not more than 2,500 words. Requirements regarding the form of the dissertation are stated on page 38, and additional information will be supplied by the Dean.

The successful candidate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his dissertation.

THE FINAL EXAMINATION

At least three weeks before the degree is to be conferred the candidate must pass an oral examination on his dissertation and on his field of specialization before a committee of the Faculty appointed by the Dean, supplemented by two experts from outside the University appointed by the President. This examination is open to the public and all are privileged to question the candidate. The Dean, or a member of the Faculty designated by him, will preside at this examination.

THE SCHOOL OF GOVERNMENT

THE FACULTY AND STAFF OF INSTRUCTION •

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
‡William Crane Johnstone, Jr., Ph.D., *Dean of the School of Government*
Arthur Edward Burns, Ph.D., *Acting Dean of the School of Government*

John Donaldson, Ph.D., *Professor of Political Economy*
Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration*

Elmer Louis Kayser, Ph.D., *Professor of European History*
Warren Reed West, Ph.D., *Professor of Political Science*
Frank Mark Weida, Ph.D., *Professor of Statistics*
Harold Griffith Sutton, M.S., *Professor of Finance*
§Lowell Ragatz, Ph.D., *Professor of European History*
‡William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*
Mitchell Dreese, Ph.D., *Professor of Educational Psychology*
Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration*

Wood Gray, Ph.D., *Professor of American History*
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*
John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*
John Withrow Brewer, Ph.D., *Professor of International Law*
Arthur Edward Burns, Ph.D., *Professor of Economics*
Howard Maxwell Merriman, Ph.D., *Professor of American Diplomacy and History*

James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*
‡Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*
Gerhard Colm, Dr. rer. pol., *Professorial Lecturer in Economics*
Arthur Smithies, LL.B., Ph.D., *Professorial Lecturer in Economics*
Orton Wells Boyd, A.M., C.P.A., *Professorial Lecturer on Accounting*
Arlin Rex Johnson, Ph.D., *Professorial Lecturer on Marketing*
Luis Siegfried Quintanilla, L.-ès.-L., Diplôme, Ph.D., *Professorial Lecturer in Political Science*

Edward Campion Acheson, Ph.D., *Associate Professor of Finance*

• The President of the University, the Dean and Assistant Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, and Associate Professors constitute the Faculty.
‡ On leave of absence 1947-48.
§ On sabbatical leave 1947-48.

Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
 Everett Herschel Johnson, Ph.D., *Associate Professor of Statistics*
 *Dorothy Jeanne Morrow, M.S., *Assistant Professor of Statistics*
 Roderic Hollett Davison, Ph.D., *Assistant Professor of European History*
 Solomon Kullback, Ph.D., *Lecturer in Statistics*
 Allen Dailey Manvel, A.B., *Lecturer on Public Administration*
 Elmer Boyd Staats, Ph.D., *Lecturer on Public Administration*
 William George Torpey, Ph.D., *Lecturer on Public Administration*

COMMITTEES †

THE DEAN'S COUNCIL §

1948

John Donaldson
 Frank Mark Weida

1949

Thelma Hunt
 Dorothy Jeanne Morrow

1950

Wood Gray
 Donald Stevenson Watson

COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*
 Harold Griffith Sutton, *Secretary*

Ralph Dale Kennedy
 Donald Stevenson Watson

Arthur Edward Burns
 Frank Mark Weida

GENERAL INFORMATION

INTRODUCTORY

The George Washington University School of Jurisprudence and Diplomacy existed from 1898 to 1913, when it was discontinued as a separate school. The courses were given, however, in Columbian College until September 1928, when training in foreign service and governmental theory and administration was reestablished as a separate branch under the School of Government.

It is the purpose of the School to give the student an understanding of the responsibilities under the Constitution of the United States in the conduct of public office—domestic and foreign. This can be accomplished

* On leave of absence 1947-48.

† The President of the University and the Dean of the School of Government are members ex officio of all committees.

‡ Elected by the Faculty.

not through any single course but through a curriculum which correlates social, economic, political, historical, and psychological studies.

The program embraces both graduate and undergraduate work. Curricula leading to the Bachelor of Arts degree are offered in Foreign Affairs, Accounting, Business Administration, and Statistics. A graduate curriculum in each of these subjects is also offered. In addition to the fields mentioned above, graduate work is available in Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

The Foreign Affairs program is broad, covering international political relations, international trade and finance, and regional studies. Its purpose is to equip students, by providing general background and specialized work, for careers in the field of American foreign relations. The diplomatic service of the United States, the several agencies of government with responsibilities in the international field, the international organizations, and American enterprise abroad offer opportunities in this field.

Governmental service requires special training and background in many other subjects, including economic research, statistical investigation, accounting, administrative management, and personnel administration. The academic background for such work is offered in the various curricula of the School and is described below.

REGULATIONS

Students in the School of Government are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES as stated on pages 10-22, and the University regulations stated on pages 34-40.

AMOUNT OF WORK

A full-time student not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time undergraduate student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An undergraduate student employed more than twenty-four hours a week, whose quality-point index is 3.50 or higher, may take up to twelve credit hours.

Exceptions to these rules will require the approval of the Dean.

ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for him to make up the work missed.

CLASSIFICATION OF STUDENTS

A student who holds an Associate in Arts degree from the Junior College or the equivalent from another accredited institution, and who has registered his choice of one of the prescribed curricula at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in the School of Government is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degree, and who has registered his choice of one of the prescribed fields of study at the Office of the Registrar, is classed as a *master in course*.

INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in this CATALOGUE.

THE DEGREE OF BACHELOR OF ARTS IN GOVERNMENT

Upon the satisfactory completion of the undergraduate requirements of the School of Government, the degree of Bachelor of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Foreign Affairs, Accounting, Business Administration, and Statistics.

Students who have a special need for integrating courses from several departments or from more than one major field may request approval, by a faculty committee, of a special major program. The same rules and regulations will apply as in the regularly offered majors.

Requirements for the undergraduate major in Economics and Public Administration are stated under the departments of Economics and Political Science, respectively.

REQUIREMENTS FOR THE DEGREE

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 34 and 35.

In order to graduate, a student must have the following: (1) a quality-point index in all of his work of at least 2.00, and (2) a quality-point index of at least 2.50 in his major, normally forty-five to forty-eight credit hours in work of the third and fourth years.

Probation.—A student must maintain a quality-point index of at least

2.00, or be placed on probation, where he will remain as long as his quality-point index is below 2.00.

Suspension.—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, will be suspended.

For the purpose of these rules, the summer sessions are considered a term.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

A student with a limited schedule is affected by the foregoing scholarship rules only when he has undertaken fifteen credit hours.

CURRICULUM REQUIREMENTS

For recommendation for graduation the School of Government requires, in addition to the appropriate Junior College work (see page 17 and curricula on pages 60-62), a minimum of sixty credit hours during the junior and senior college years, as set forth in one of the following curricula.

	Credit Hours
Foreign Affairs	6
Econ. 181-82...International Economics	3
Geog. 111, 112, 121, or 122...Economic or Political Geography.....	3
Hist. 150.....European Diplomatic History Since 1854 or Pol. Sc. 171...International Politics	3
Hist. 181-82...Diplomatic History of the United States.....	3
Pol. Sc. 171...International Organization	3
Pol. Sc. 181-82...International Law	3
Language .....Advanced Composition and Conversation.....	3
Group Option...(To be selected from one of the following groups).....	3
Electives .....(To be selected with the approval of the adviser).....	3
Total.....	18

All foreign affairs majors must complete the *required* courses listed above. The group option provides specialization in international politics, or international economics, or a geographic region, depending upon the student's interest. Options groups, however, are not rigid. A combination of courses in different options is possible with the consent of the adviser.

Group I—International Political Relations

This group option (18 credit hours as noted in list above) is composed of courses in the departments of Political Science, History, and Geography which

are important to the study of American diplomatic relations. The selection of courses must be made upon consultation with the adviser.

Group II—International Economic Relations

This group option (18 credit hours as noted in list above) is composed of courses offered primarily by the departments of Economics and Business Administration which are important to the study of American economic, financial, and business relationships with foreign countries. The selection of courses must be made upon consultation with the adviser.

Group III—Area or Regional Studies

This group option (18 credit hours as noted in list above) may be selected from courses offered in the departments of Economics, History, Political Science, and Geography, dealing with a geographic region such as Europe, Latin America, or the Far East. This selection must be approved by the adviser.

Accounting		Credit Hours
Bus. Adm. 115.....	Business Finance.....	3
Bus. Adm. 145.....	Cost Accounting.....	3
Bus. Adm. 151-52.....	Intermediate Accounting.....	6
Bus. Adm. 153-54.....	Advanced Accounting.....	6
Bus. Adm. 165.....	Auditing.....	3
Econ. 121-22.....	Money and Banking.....	6
Pol. Sc. 127, 128, 129.....	Commercial Law.....	9
Curriculum Electives ..	(To be selected from courses relating to accounting with the approval of the adviser).....	9
Electives	(To be selected with the approval of the adviser)...	15
Total.....		60

Business Administration		Credit Hours
Bus. Adm. 101.....	Business Organization and Combination.....	3
Bus. Adm. 102.....	Business Management.....	3
Bus. Adm. 115.....	Business Finance.....	3
Bus. Adm. 128.....	Insurance.....	3
Bus. Adm. 132.....	Business Budgeting.....	3
Bus. Adm. 171.....	Marketing.....	3
Econ. 121-22.....	Money and Banking.....	6
Pol. Sc. 127, 128.....	Commercial Law.....	6
Curriculum Electives ..	(To be selected from courses relating to business administration with the approval of the adviser)....	15
Electives	(To be selected with the approval of the adviser)...	15
Total.....		60

Foreign Commerce.—Business administration majors who wish to specialize in foreign commerce may request a modification of the above requirements. The modified major excludes some of the above required courses and adds others, such as a third year of foreign language, foreign markets, exporting and importing, economic geography, and other courses relating to overseas trade. Each program must be approved by the adviser.

Statistics

Stat. 115-16....Principles of Statistical Methods.....	3
Stat. 117.....Analysis of Variance.....	3
Stat. 118.....Correlation and the Chi-Square Test.....	3
Stat. 155-56....Mathematical Probability.....	3
Stat. 157-58....Mathematical Statistics.....	24
Group Option...(To be selected from one of the following groups).....	15
Electives.....(To be selected with the approval of the adviser).....	60
Total.....	60

Group I—Economic and Business

Courses in this group are to be selected by students specializing in economic and business statistics upon consultation with the adviser. These courses are offered by the departments of Economics, Business Administration, and Statistics.

Group II—Education and Psychology

Courses in this group are to be selected by students specializing in educational and psychological statistics upon consultation with the adviser. These courses are offered by the departments of Psychology and Statistics.

Group III—Mathematics and the Biological and Physical Sciences

Courses in this group are to be selected by students specializing in mathematical statistics and in statistical applications in the biological and physical science fields. Selection must be made upon consultation with the adviser.

EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirement in that subject and may qualify for registration in an advanced course. Passing of this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make the request of the Dean and pay the required fee.

The candidate for the Master's degree who is deficient in undergraduate preparation may take a comprehensive examination on his undergraduate major field. Passing of this examination entitles the student to admission without taking specific courses to make up his deficiencies.

THE DEGREE OF MASTER OF ARTS IN GOVERNMENT

Upon the satisfactory completion of the graduate requirements of the School of Government, the degree of Master of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Foreign Affairs, Accounting, Business Administration, Business and Economic Statistics, Government and Economic Policy, Public Administration, Personnel Administration, and Vocational Counseling.

Students who have a special need for integrating courses from two

or more of the major fields of concentration for the Master's degree may request approval, by a faculty committee, of a special major program. All rules and regulations for the Master's degree will apply to such special programs.

ADMISSION TO CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the Dean. Application is made on a form obtainable at the Office of the Registrar.

Before being admitted to candidacy for the major in Foreign Affairs or in Government and Economic Policy the student must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language, to be approved by the Dean. Examinations in modern foreign languages will be given on the dates specified in the University calendar.

REQUIREMENTS FOR THE DEGREE

A minimum of thirty credit hours of work, as outlined in the curricula on pages 138-40, must be completed successfully. Variations from these curricula require the permission of the Dean.

No more than twelve credit hours of work may be taken in another professional school, and work so taken cannot be counted toward degrees in both schools. No part of the minimum requirement may be taken in any other institution.

A second-group course (numbered 101-200), taken either in the undergraduate or graduate years, may be counted toward the Master's degree only when registration for advanced credit has been approved at the beginning of the course by the Dean and by the officer of instruction, and provided that the student has done such extra work in the course as may be prescribed by the instructor.

Work completed more than three years prior to registration for the Master's degree will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

In addition to the course examinations, the candidate must pass a comprehensive written examination in his major field. An oral examination on his thesis may also be required.

No work counted toward a Bachelor's degree may be counted toward a Master's degree.

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree will be assisted to plan his program so that he can qualify for admission to candidacy for the Doctorate.

RESIDENCE

No credit is granted for work done in absentia, i.e., without formal instruction, except for the thesis, which may be completed in absentia with the permission of the department concerned.

SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean. Regarding the system of grading, see pages 34 and 35.

CURRICULUM REQUIREMENTS

A normal program includes a minimum of twenty-four credit hours of course work and the thesis (six credit hours), to be selected from the courses listed under the chosen major field, and such other courses as may be necessary. All programs must be approved by the Faculty adviser and the Dean.

Foreign Affairs

Prerequisite: an undergraduate major in foreign affairs, economics, or political science, depending upon the field of specialization. Any course deficiency in such undergraduate majors must be made up.

The Master of Arts program in Foreign Affairs is offered in three fields of specialization: International Economics, International Politics, and Regional Studies.

International Economics.—Graduate courses in economics (numbered 200 and over) in the field of international trade, the balance of payments, international financial policies, and international economic policies form the principal part of this specialization. Graduate courses in economic theory are recommended. Other courses may be included with the consent of the adviser.

International Political Relations.—Graduate courses in political science and history (numbered 200 and over) in international law, international politics, international organization, diplomatic history, and American foreign policy, comprise the principal requirements for this specialization. Related courses may be included with the consent of the adviser.

Regional Studies.—Graduate courses in economics, political science, and history (numbered 200 and over) dealing with a geographic region, such as Latin America, Europe, or the Far East, comprise the principal requirements. Other courses of broader scope in economics, history, and political science are recommended as part of the program. The adviser in all cases must approve such selections.

The listing of graduate courses for these programs is given in the department offerings for Economics, History, Political Science, and Geography.

Accounting

Prerequisite: an undergraduate major in accounting or the equivalent. The Master of Arts program in Accounting requires the following courses:

Bus. Adm. 215.....	Corporation Financial Problems.....	3
Bus. Adm. 216.....	Seminar in Business Finance.....	3
Bus. Adm. 241.....	Accounting Theory.....	3
Bus. Adm. 251-52....	Seminar in Accounting.....	6

The remaining nine hours are to be selected from graduate courses offered by the Department of Business Administration; however, students interested in governmental accounting should select course work in governmental budgeting offered by the Department of Political Science. All programs must be approved by the adviser.

Business Administration

Prerequisite: an undergraduate major in business administration or the equivalent.

The Master of Arts program in Business Administration requires the following courses:

Bus. Adm. 215.....	Corporation Financial Problems.....	3
Bus. Adm. 281-82.....	Business Policy.....	6
Bus. Adm. 291-92.....	Seminar in Business Administration.....	6

The remaining nine hours of course work are to be selected from courses in or related to business administration with the approval of the adviser.

Business and Economic Statistics

Prerequisite: an undergraduate major in statistics or the equivalent, coupled with adequate training in economics and business administration.

The Master of Arts program in Business and Economic Statistics requires at least twelve credit hours to be taken from the following:

Statistics 201.....	Design of Experiments.....	3
Statistics 202.....	Theory of Estimation and Testing Hypotheses.....	3
Statistics 203-4.....	The Theory of Econometrics.....	6
Statistics 205-6.....	Advanced Business and Economic Statistics.....	6

The remaining twelve hours are to be selected from graduate work offered by the departments of Business Administration, Economics, and Statistics with the approval of the adviser.

Government and Economic Policy

Prerequisite: an undergraduate major in economics or the equivalent.

Graduate courses in economics, especially those in the theory of economic policy, the level of income and employment, national income, economic stabilization, and fiscal policy, comprise the principal part of this program. Graduate courses in economic theory and statistics are recommended to complete the program. These courses and others that may be appropriate, are to be selected with the consent of the adviser.

Public Administration

Prerequisite: an undergraduate major in political science or an undergraduate background in the social sciences appropriate to specialization in this field.

The Master of Arts in Public Administration requires a program comprising graduate courses in governmental organization and functions, budgetary administration and controls, administrative principles and problems, and personnel management. Other related courses in political science and economics are added upon consultation with the adviser.

Personnel Administration

Prerequisite: an undergraduate major in the social sciences, business administration, or education, coupled with courses in personnel psychology, social psychology, or abnormal psychology.

The program requires six graduate credits in personnel administration offered in the Department of Political Science; six graduate credits in psychology relating to personnel work; six graduate credits in labor relations and business administration; the remaining six credits are elective. Each program must be approved by the adviser.

Vocational Counseling

Prerequisite: an undergraduate major in the social sciences, business administration, or education, including work in social and abnormal psychology, business management, and public administration.

The Master of Arts program in Vocational Counseling requires the following courses:

Psychology 227.....	Seminar: Educational and Vocational Guidance	3
Psychology 228.....	Seminar: Techniques of Counseling.....	3
Psychology 229.....	Occupational and Educational Information....	3
Psychology 231.....	Test Construction and Test Theory.....	3
Statistics (to be selected)	.....	3

The remaining nine hours are to be selected from courses related to counseling. All programs must be approved by the adviser.

THE THESIS

The thesis must be registered for not later than the beginning of the final year, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge and recorded in the Office of the Registrar by the date announced in the University calendar. The typewritten thesis in its final form must have the approval of the professor in charge and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements in regard to the form of the thesis are stated on page 38, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year is granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.

THE DIVISION OF UNIVERSITY STUDENTS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
Elmer Louis Kayser, Ph.D., *Dean of the Division of University Students*

THE DEAN'S COUNCIL*

Arthur Edward Burns Francis Edgar Johnston
Charles Rudolph Naeser

GENERAL INFORMATION

INTRODUCTORY

The Division of University Students was established in 1930. In this Division are registered mature students who wish to undertake University courses either for credit or as auditors but who are not interested in working toward degrees in this University.

REGULATIONS

Students in the Division of University Students are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-22; the University regulations stated on pages 34-40; and the regulations concerning PROBATION, SUSPENSION, AND WARNINGS which are the same as those stated on page 54 under the Junior College.

TRANSFER TO REGULAR STATUS

A "University student" may be transferred, at his request, to another college or school of the University only upon complying with the regulations of the specific college or school to which he wishes to transfer. The student should familiarize himself with the regulations printed in the University CATALOGUE concerning admission, residence, amount and quality of work. Specifically, he should note that in some cases not more than thirty (30) hours of credit may be transferred from this Division; that at least the last thirty (30) credit hours must be spent in residence in the college or school granting the degree; and that a general quality-point index of 2.00 must be maintained, with an index of 2.50 in the major.

* The President of the University and the Dean of the Division of University Students are members ex officio of the council.

THE DIVISION OF SPECIAL STUDENTS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
Warren Reed West, Ph.D., *Dean of the Division of Special Students*

THE DEAN'S COUNCIL*

Carl Hugo Walther Thelma Hunt Fred Salisbury Tupper

GENERAL INFORMATION

INTRODUCTORY

The Division of Special Students was organized in 1944. To this Division may be admitted students who are in the process of qualifying for degree candidacy. Students in this Division are designated "special students".

REGULATIONS

Students in the Division of Special Students are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23 and the University regulations stated on pages 34-40.

SCHOLARSHIP

A student in this Division may be required to discontinue registration at any time his quality-point index falls below 2.00.

The system of grading and computing scholarship is described in detail on pages 34 and 35.

AMOUNT OF WORK

In each individual case, the schedule will be reduced when it is deemed advisable. Students in this Division who are admitted subject to the requirement of making a quality-point index of 2.00 on a certain number of hours must carry a limited schedule until ability to carry satisfactorily a full schedule has been demonstrated.

Exceptions to these rules will require the approval of the Dean.

TRANSFER TO REGULAR STATUS

A "special student" may be transferred to another college or school of the University only upon complying with the regulations of the specific

* The President of the University and the Dean of the Division of Special Students are members ex officio of the council.

college or school to which he wishes to transfer. The student should familiarize himself with the regulations printed in the University CATALOGUE concerning admission, residence, amount and quality of work. Specifically, he should note that in some cases not more than thirty (30) hours of credit may be transferred from this Division; that at least the last thirty (30) credit hours must be spent in residence in the college or school granting the degree; and that a general quality-point index of 2.00 must be maintained, with an index of 2.50 in the major.

THE SUMMER SESSIONS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*

Mitchell Dreese, Ph.D., *Dean of the Summer Sessions*

Charles William Cole, Ph.D., *Assistant Dean of the Summer Sessions*

The George Washington University is continuing the accelerated program started in 1942. During the summer the University offers a fifteen-week term equivalent to the fall or winter term of the academic year, and two seven and one-half week sessions which together constitute the equivalent of a full term. Students may enter the Summer Sessions at the beginning of either session.

During the summer of 1947, courses are offered in the Junior College, Columbian College (the senior college), the Law School, the School of Engineering, the School of Education, the School of Pharmacy, and the School of Government.

For a complete statement concerning summer-term work, see the Summer Sessions catalogue.

COURSES OF INSTRUCTION

STUDENT OPERATING EVIDENCE (Continued)

COURSES OF INSTRUCTION

On the following pages of this CATALOGUE, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the University in the summer of 1947 and in the academic year 1947-48. The courses as here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

HOURS OF INSTRUCTION

Courses of instruction are scheduled in the morning, afternoon, and evening. Evening classes are identical with the daytime sections of the corresponding courses, are taught by the same instructors, and carry the same amount of credit. By taking the evening and summer classes and extending the time of study beyond the customary four years, a student who is able to give only part of his time to college work may complete a regular curriculum and obtain a degree.

EXPLANATION OF COURSE NUMBERS

An odd number preceding the name of the course indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (157-58), that it begins in the fall term and continues in the winter term. The letter "x" following an odd course number (e.g., 21x) indicates that the course, normally offered in the fall term, is given in the winter term. The letter "x" following an even course number (e.g., 22x) indicates that the course, normally offered in the winter term, is given in the fall term.

In the departments of the School of Medicine, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

In the Law School, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and graduate courses, from 401 to 500.

In all other schools and colleges the following system of numbering is used:

First-group courses.—Courses numbered from 1 to 100 are planned for students in the freshman and sophomore years. With the approval of the adviser and the dean, they may also be taken by juniors and seniors. In certain instances, they may be taken by graduate students to make up undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

Second-group courses.—Courses numbered from 101 to 200, are planned for students in the junior and senior years. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction.

Third-group courses.—Courses numbered from 201 to 300 are planned primarily for graduate students. They are open, with the approval of the officer of instruction, to qualified seniors; they are not open to Junior College students or other undergraduates.

INDICATION OF THE AMOUNT OF CREDIT

The number of credit hours given for the satisfactory completion of a course is, in most cases, indicated in parentheses after the name of the course. Thus, a year course giving three hours of credit each term is marked (3-3), and a term course giving three hours of credit is marked (3). A credit hour usually consists of the completion of one fifty-minute period of class work or of one laboratory period a week for one term.

A dagger (†) preceding the number of a year course indicates that the course may not be entered in the second term and that credit will not be given until the work of both terms has been completed.

ANATOMY

Webb Edward Haymaker, M.D., M.S., *Professorial Lecturer in Anatomy*
 Warren Andrew, M.S., Ph.D., M.D., *Associate Professor of Anatomy*
 Paul Calabrisi, A.M., *Assistant Professor of Anatomy*
 William Lipscomb Jamison, A.B., M.D., *Instructor in Anatomy*
 Barbara Moulton, A.M., M.D., *Instructor in Anatomy*
 Thomas Clarkson Worth, M.D., *Clinical Instructor in Anatomy*

101-2 *Gross Anatomy*

The Staff

Regional dissection of the human body supplemented with lectures and quiz sections. Study of X-ray anatomy to emphasize the functional aspects of the position, shape, and relation of the viscera and skeletal components. Eighteen hours a week, fall term; nine hours a week, winter term.

103 *Human Embryology*

The Staff

The origin and development of the human body. Special emphasis on the value of embryology in interpreting anatomical anomalies and variations as seen in gross dissection, surgery, obstetrics, and pathology. Three hours a week.

105 *Neuro-Anatomy*

The Staff

The macroscopic and microscopic study of the central nervous system and the special sense organs. Emphasis on such dynamic aspects as development, pathways, lesions, etc. Six hours a week.

106 *Microscopic Anatomy*

The Staff

Study of the detailed minute structure of cells, tissues, and organs of the human body with emphasis on the relation of structure to function. Recognition and interpretation of histological sections tested by practical examinations. Six hours a week.

201-2 *Seminar*

The Staff

Reports and discussions of special topics by the staff and graduate students. Regular medical students are encouraged to attend. One hour a week.

203-4 *Research*

The Staff

Hours and credits to be arranged.

ART

Norris Ingersoll Crandall, M.Arch., *Professor of Art, Executive Officer*
Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*

STAFF IN THE CORCORAN SCHOOL OF ART

Richard Lahey, *Professor of Drawing and Painting, Principal*
Eugen Weisz, *Professor of Drawing and Painting, Vice Principal*
Edmund Archer, *Professor of Drawing and Painting*
Heinz Warneke, *Professor of Sculpture and Carving*
Jessalee Sickman, *Professor of Drawing and Painting*
Kenneth Stubbs, *Professor of Drawing and Painting*
Alfred McAdams, *Professor of Drawing and Painting*

The major in art appreciation.—Prerequisite: Art 11-12 and 71-72. Required: Art 101-2, 121-22, 141-42, 151-52, and 161-62.

The major in drawing and painting.—Prerequisite: Art 11-12. Required: Art 121-22, and at least thirty-six credit hours of drawing and painting. The classes in drawing and painting are held at the Corcoran School of Art.

The major in art for prospective teachers of art in high schools.—The minimum requirements of this curriculum, which leads to the degree of Bachelor of Arts in Education, are stated on page 126.

FIRST GROUP

11-12 *Art Appreciation (3-3)*

An introduction to the appreciation of the fine arts and to the interpretation of the paintings of the old and modern masters. 1947-48 and alternate years, morning and alternate years, evening. 1948-49 and alternate years, morning and alternate years, evening. Crandall

67-68 *Life Drawing and Painting (6-6)*

Morning and afternoon sections. Archer, Stubbs

71-72 *Introduction to the Arts in America (3-3)*

Painting, sculpture, architecture, furniture, music, and folk arts. Morning, afternoon, and evening sections. Kline

73-74 *Antique Drawing (6-6)*

Morning, afternoon, and evening sections. McAdams, Sickman

SECOND GROUP

101-2 *The Design of the Home (3-3)*

The history and development of the home, and home furnishing in relation to home design. 1947-48 and alternate years, morning. 1948-49 and alternate years, evening. Crandall

121-22 *World History of Art (3-3)*

The fine arts from ancient times to the present. 1947-48 and alternate years, afternoon. 1948-49 and alternate years, evening. Kline

- 141-42 *Interior Decoration* (3-3) Kline
The selection and use of furniture, wall and floor coverings, draperies, and lighting. 1947-48 and alternate years, evening. 1948-49 and alternate years, afternoon.
- 143-44 *Folk Arts of America* (3-3) Kline
Woodcarving, painting, ceramics, glass, furniture, and music. (Not offered in 1947-48.)
- 151-52 *Modern Art* (3-3) Crandall
The interpretation of the fine arts of the nineteenth and twentieth centuries of Europe and the Americas. 1947-48 and alternate years, morning. 1948-49 and alternate years, evening.
- 161-62 *History of Art Criticism* (3-3) Crandall
A survey of art criticism from ancient Greece to the present. Admission by permission of the instructor. Evening.
- 165-66 *Drawing and Painting—Still Life, Life, and Portrait* (6-6) Lahey, Weisz
Morning, afternoon, and evening sections.
- 175-76 *Composition* (6-6) Archer
Criticism one afternoon a week. Afternoon.
- 178 *Out-of-Door Landscape* (3) Lahey
Offered during April and May only. Afternoon.
- 179-80 *Sculpture* (6-6) Warneke
Portrait-life modeling and composition in clay, plaster and wood carving. Afternoon and evening sections.
- 183-84 *Design and Commercial Art* (6-6)
Prerequisite: one year (6 hours daily) in a professional art school or the equivalent. Morning, afternoon, and evening sections.
- 185-86 *Advanced Commercial Art*
Credits to be arranged. (Not offered in 1947-48.)

BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*
 Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public
 Health Practice*
 Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*
 Mary Louise Robbins, Ph.D., *Instructor in Bacteriology*
 Lewis Walke McIlhany, M.S., M.D., *Clinical Instructor in Public
 Health Practice*
 William Gray McCarten, B.S., *Associate in Bacteriology*

SEMINAR LECTURERS

Roscoe Roy Spencer, A.B., M.D., *Professorial Lecturer in Hygiene and
 Preventive Medicine*
 Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Pre-
 ventive Medicine*
 Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Pre-
 ventive Medicine*
 Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial
 Hygiene*
 Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in
 Preventive Medicine*
 Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical My-
 cology*
 Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical
 Zoology*
 John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal
 Disease Control*
 Herman Ertresvaag Hilleboe, B.S., M.D., M.P.H., *Professorial Lec-
 turer on Tuberculosis Control*
 Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*
 Robert Carter Cook, *Professorial Lecturer on Medical Genetics*

112 General Bacteriology (4)

A study of the fundamentals of bacteriology, including industrial and
 hygienic applications. Several groups of bacteria, yeasts, and molds
 are studied in the laboratory. Material fee, \$7.50. Tues., Thurs.
 and Sat., 9:10 A.M. to 12:00 M.

Griffin, Robbins

- 209 *Bacteriology, Parasitology, and Immunology* Parr and Staff
Bacteriological technique study of micro-organisms and parasites related to medical and hygienic problems. Methods of diagnosis are stressed and immunological procedures and theory fully treated. Eighteen hours a week for fourteen weeks.
- 210 *Immunology and Serology* Griffin
Prerequisite: Bacteriology 112 or 209. One hour a week.
- 220 *Epidemiology and Instruction of Public Health (2)* Parr and Staff
An introduction to epidemiology and public health involving subject matter suitable for the student of medicine who has not yet had clinical training. Tues. and Wed., 8:00 to 9:00 A.M.
- 303-4 *Research in Bacteriology* The Staff
Time and credits to be arranged.
- 305-6 *Staff Seminar (1-1)* Parr and Staff
Bi-weekly throughout the year.
- 401-2 *Public Health Practice (1-1)* Beachley
Study of public health practice at national, state, city, and county levels. Public and private agencies. Mon., 8:00 to 9:00 A.M.
- 404 *Industrial Hygiene (1)* Sayers
For senior medical students and qualified graduate students. Lecture course dealing with the problems of health maintenance and disease prevention and cure as affected by industry.

BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*
 *Arnold Kent Balls, Ph.D., *Adjunct Professor of Enzymology*
 William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*
 George Washington Irving, Jr., Ph.D., *Professorial Lecturer on Protein*
 Carleton Raymond Treadwell, Ph.D., *Associate Professor of Biochemistry*

Mary Barbara Mills, M.S., *Instructor in Biochemistry*

Norman Phillip Goldstein, M.S., M.D., *Instructor in Biochemistry*

113-14 *Biochemistry*

Physiological and clinical chemistry for the first-year medical students.
 Two lectures and two three-hour laboratory periods a week. Roe and Staff

221-22 *Biochemistry (4-4)*

A lecture and laboratory course for nonmedical students. Prerequisite: Chemistry 152. Material fee, \$12 a term. Time to be arranged. Treadwell

224 *Biochemistry of the Enzymes*

Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. Balls
 offered in 1947-48.)

225 *Biochemical Preparations*

Material fee, \$10. Time and credits to be arranged. The Staff

226 *Biochemical Laboratory Methods*

Material fee, \$10. Time and credits to be arranged. The Staff

227-28 *Biochemistry Seminar (1-1)*

The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:45 P.M. Roe

229-30 *Research in Biochemistry*

Time and credits to be arranged. Roe, Treadwell

231 *Proteins and Amino Acids (1)*

A lecture course. Prerequisite: Biochemistry 114 or 222. 4:45 P.M. Irving

299-300 *Thesis (3-3)*

404 *Applied Nutrition (1)*

For senior medical students and graduate students. Lecture course upon dietary requirements, deficiency diseases, and therapeutic diets. Prerequisite: Biochemistry 114 or 222. Tues., 8:00 A.M. Sebrell

* On leave of absence 1947-48.

BIOLOGY *

Paul William Bowman, Ph.D., *Professor of Biology, Executive Officer*
 Sam Clark Munson, M.S., *Assistant Professor of Biology*
 Robert Carter Cook, *Lecturer in Biology*

The major.—Students will be required to demonstrate in the Major Examination a reasonable knowledge and understanding of the classification and life histories of plants and animals, ecology, geology, evolution, heredity, the physical and cultural development of man, public health problems, and the history of biology. The course offerings will be correlated and supplemented by supervised study in the proseminar. For details consult the Executive Officer of the Department.

FIRST GROUP

- 1-2 *Survey in Biology* (3-3) Bowman, Munson
 Systematic study of the plant and animal kingdoms, with emphasis upon the interdependences of living things and their relations with their environments. Introduction to evolution, heredity, public health, and conservation. Material fee, \$4.50 a term. Lecture (1 hour); laboratory (2 hours); field trip to nearby countryside and to museums and other places of biological interest (3 hours). Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

- 107-8 *Evolution* (3-3)
 Survey stressing the data which have led to the larger generalizations of the science; the derivation and discussion of theories based largely on these data. Prerequisite: one year of college work in biology, botany, geology, or zoology. Morning.
- 115-16 *Cytology* (3-3) Bowman
 Study of plant and animal cells and their components, including the chromosomes and their role in heredity, with training in the preparation of materials for study. Prerequisite: one year of college work in biology, botany, or zoology. Material fee, \$6 a term. Lecture (1 hour); laboratory (4 hours)—afternoon.
- 127-28 *Genetics* (3-3) Cook
 A lecture course in which the general principles are illustrated with specific examples of inheritance in plants and animals, including man. Prerequisite: one year of college work in biology, botany, or zoology. Evening.
- 137-38 *General Physiology* (3-3) Yocum
 The fundamental physiology of protoplasm as applicable to both animals and plants. Prerequisite: Chemistry 12 and one year of college work in biology, botany, or zoology. (Not offered in 1947-48.)

* See also departments of Botany and Zoology, pages 161-62, 201-03.

199-200 *Proseminar in Biology* (3-3)

Individually planned and directed study by means of which majors in biology may correlate and supplement the subject matter presented in various regular courses. Time to be arranged.

Bowman

THIRD GROUP

201-2 *Seminar: Cytology* (3-3)

Time to be arranged.

Bowman

211-12 *Research in Cytology*

Time and credits to be arranged.

Bowman

299-300 *Thesis* (3-3)

Bowman

BOTANY *

Lawson Edwin Yocum, Ph.D., *Professor of Botany, Executive Officer*
 William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*

Minimum requirements for the major.—Twenty-four credit hours of botany beyond the introductory courses, with collaterals as recommended in conference.

FIRST GROUP

- 1 *Structure and Functions of the Flowering Plant*†§ (3) Yocum
 The typical plant as a working mechanism, with the emphasis on the general biological significance of plant physiology. Material fee, \$4.50. Lecture (2 hours); laboratory (2 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
- 2 *Survey of the Plant Kingdom*§ (3) Yocum
 Study of the different kinds of plants, with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Lecture (2 hours); laboratory (2 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
- 5 *Field Botany*§ (6)
 Field trips to neighboring localities of botanical interest, with classroom study.
 Summer term 1947.
- 35 *Plant Growth* (3) Yocum
 Plant structure and physiology with special emphasis on the practical growing of plants. Prerequisite: Botany I or the equivalent. (Not offered in 1947-48.)

SECOND GROUP §

- 121 *Grasses* (3)
 The taxonomy, morphology, phylogeny, and economics of the Poaceae; the making of a collection; and the determination of a series of representative grasses not available in the vicinity. Text: Hitchcock, *Manual of Grasses*. 1948-49 and alternate years, evening.
- 122 *Higher Monocots* (3)
 Survey of Arales, Palmales, Liliales, Armaryllidales, Marantales, Orchidales; study of flower morphology and evolutionary tendencies indicated; determination of a series of representative species. 1948-49 and alternate years, evening.

* See also the departments of Biology and Zoology, pages 150-60 and 291-93.
 † Before completing registration for Botany I, each student must obtain from the representative of the Department an assignment to a laboratory section.
 § Botany I and 2 are prerequisite to all other courses in Botany.

123-24 *Dicots (3-3)*

Survey of selected dicotyledonous orders, the selection varying from year to year; practice in naming unknowns. Text: Pool, *Flowering and Flowering Plants*. 1947-48 and alternate years, evening.

Diehl

131-32 *Mycology (3-3)*

1948-49 and alternate years, evening.

Diehl

133-34 *Plant Pathology (3-3)*

Material fee, \$6 a term. 1947-48 and alternate years, evening.

Yocum

135-36 *Plant Physiology (3-3)*

Fall term: mineral and water relations of plants; winter term: organic syntheses and growth. Prerequisite: Chemistry 11-12. Material fee, \$6 a term. 1947-48 and alternate years, evening.

141-42 *Plant Ecology (3-3)*

1948-49 and alternate years, evening.

143 *Plant Distribution (3)*

Plant distribution, especially in the United States and Canada; biological relationships of eastern America with eastern Asia and of lands in the Southern Hemisphere, and their bearing on biological and geological history. 1948-49 and alternate years, evening.

144 *Vegetation of the United States (3)*

Seminar on the areas and characteristics of the principal types of vegetation in the United States. 1948-49 and alternate years, evening.

THIRD GROUP

221-22 *Seminar: Taxonomy (3-3)*

(Not offered in 1947-48.)

Yocum

235-36 *Seminar: Physiology (3-3)*

1948-49 and alternate years, evening.

241-42 *Seminar: Ecology (3-3)*

(Not offered in 1947-48.)

251-52 *Seminar (3-3)*

Discussions of current advances in plant science—partly by the staff and advanced students, partly by authorities invited from neighboring laboratories. (Not offered in 1947-48.)

The Staff

The Staff

261-62 *Research*

Time and credits to be arranged.

The Staff

299-300 *Thesis (3-3)*

BUSINESS ADMINISTRATION

- Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration*
 Harold Griffith Sutton, M.S., *Professor of Finance*
 Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration, Executive Officer*
 Orton Wells Boyd, A.M., C.P.A., *Professorial Lecturer on Accounting*
 Arlin Rex Johnson, Ph.D., *Professorial Lecturer on Marketing*
 James Carlton Dockeray, Ph.D., *Professorial Lecturer in Business Administration*
 Montell Ernest Ogden, Ph.D., *Professorial Lecturer in Business Administration*
 Lionel Wilmot Thatcher, Ph.D., *Professorial Lecturer in Business Administration*
 Herbert Webster Johnson, Ph.D., *Lecturer on Accounting*
 Edwin J. B. Lewis, M.B.A., *Lecturer on Accounting*
 Francis Bernard Ward, B.S., C.P.A., *Lecturer on Accounting*
 Milton Allan Barlow, M.B.A., *Lecturer in Business Administration*
 Forest Brimacombe, M.B.A., *Lecturer on Accounting*
 Frank Robert Byrne, M.B.A., LL.M., C.P.A., *Lecturer on Accounting*
 James Leonard Buckler, A.B., *Lecturer on Accounting*
 Ralph Russell Dickson, Jr., M.B.A., *Lecturer on Accounting*
 Bernard Dodder, M.S., C.P.A., *Lecturer on Accounting*
 Ira Steele, B.B.A., *Lecturer on Accounting*
- Minimum requirements for the major.—See pages 141-42, 143.*

FIRST GROUP

- 51-52 *Introductory Accounting (3-3)* Kennedy and Staff
 Rules of debit and credit, underlying principles of accounting records, simple partnership and corporation problems, and the preparation of financial statements. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
 Business Administration 51x—same as Business Administration 51, but offered winter term. Morning and evening sections.
 Business Administration 52x—same as Business Administration 52, but offered fall term. Prerequisite: Business Administration 51, or the approval of the instructor. Morning and evening sections.

SECOND GROUP

- 101 *Business Organization and Combination (3)* Owens
 Simple and interrelated forms of business enterprise and their control by government. Morning. (Also offered 1947 summer term.)
 Business Administration 101x—same as Business Administration 101, but offered winter term. Evening.

- 102 Business Management (3)**
Owens
Organization and management of a business with particular reference to a manufacturing concern. Morning. (Also offered 1947 summer term.)
Business Administration 102x—same as Business Administration 102 but offered fall term. Evening.
- 112 Personnel Management in Industry (3)**
Owens
Survey of labor policies and methods of business enterprises. Afternoon.
Business Administration 112x—same as Business Administration 112 but offered fall term. Afternoon.
- 115 Business Finance (3)**
Basic principles involved in the financial policies of business enterprises. Prerequisite: Business Administration 51-52; Economics 1-2. Evening. (Also offered 1947 summer term.)
Business Administration 115x—same as Business Administration 115 but offered winter term. Morning.
- 116 Commercial Credit (3)**
Brimacombe
Types and sources of credit information; credit relationships from the standpoint of (1) the commercial bank and (2) the commercial business enterprise. Prerequisite: Business Administration 51-52. Evening.
- 118 Investments (3)**
Dockeray
Analysis of factors of investment credit with application to different types of investments; proper selection of investments for various classes of investors; regulation. Prerequisite: Business Administration 51-52. Evening.
- 119 Real Estate (3)**
Dockeray
Fundamentals of real estate practice; leasing and property management; valuation, financing, and taxation. Evening.
- 128 Insurance (3)**
A general course in underlying principles of property, life, marine, and casualty insurance, and the function of insurance in the economic life of a business or individual. Prerequisite: Economics 1-2. Evening. (Also offered 1947 summer term.)
- 131 Governmental Budgeting (3)**
Brimacombe
Policies, practices, and procedures relating to the formulation and execution of the federal budget. Evening.
- 132x Business Budgeting (3)**
Dodder
The preparation and utilization of budgets as an aid to management. Prerequisite: Business Administration 51-52. Morning.
- 145 Cost Accounting (3)**
Owens, Boye
Job order and process systems of cost findings, interrelation of the cost records and the general accounts, standard costs, distribution costs. Prerequisite: Business Administration 51-52. Morning. (Also offered 1947 summer term.)

- 151-52 Intermediate Accounting (3-3)** The Staff
Partnerships, corporations, funds, reserves, depreciation, and valuation.
Prerequisite: Business Administration 51-52. Morning and evening sections. (Also offered 1947 summer term.)
- 153-54 Advanced Accounting (3-3)** Lewis
Consolidated statements, liquidations, receiverships, and C.P.A. problems. Prerequisite: Business Administration 151-52. Evening.
- 155 Analysis of Financial Statements (3)** Kennedy
Technique of analyzing financial statements for the guidance of operating executives, directors, stockholders, and creditors; valuation of balance sheet items; determination and interpretation of ratios. Prerequisite: Business Administration 51-52. Morning. (Also offered 1947 summer term.)
Business Administration 155x—same as Business Administration 155, but offered winter term. Evening.
- 158x Federal Taxation (3)** Boyd
Tax problems which confront business enterprise: income, excess profits, capital stock, pay roll, and excise taxes. Prerequisite: Business Administration 151-52. Evening.
- 160 Federal Accounting (3)** Lewis
Accounting problems of federal government. Appropriation accounts, encumbrances, fund accounting. Prerequisite: Business Administration 51-52. Evening.
- 165 Auditing (3)** Owens
Duties and responsibilities of the auditor, principles and procedures in making audits, arrangement of working papers and the preparation of reports. Prerequisite: Business Administration 151-52. Evening. (Also offered 1947 summer term.)
Business Administration 165x—same as Business Administration 165, but offered winter term. Morning.
- 171 Marketing (3)** A. Johnson
A survey of marketing, giving particular attention to consumption, retailing, wholesaling, and sales management; the entire marketing structure and its relation to the total economy. Prerequisite: Economics 1-2. Morning. (Also offered 1947 summer term.)
- 172 Marketing Problems (3)** A. Johnson
Marketing principles applied to specific distribution policy and operating problems of retailers, wholesalers, and manufacturers handling consumers' and industrial goods. Prerequisite: Business Administration 171. Morning. (Also offered 1947 summer term.)
- 173 Cooperative Marketing (3)** A. Johnson
Study of cooperatives with respect to principles and objectives, history and theory, legal and financial structure, sales methods and policies, administrative policies and procedures, and public policy. Prerequisite: Economics 1-2. (Not offered in 1947-48.)

- 174x *Exporting and Importing* (3) Ogden
Policy and operating questions of foreign marketing—exporting and importing; markets, limitations, and opportunities. Prerequisite: Economics 1-2. Evening.
- 176 *Foreign Markets* (3) Ogden
Developing markets abroad. Prerequisite: Economics 1-2. Evening.
- 182 *Public Utilities* (3) Kennedy
Public utility characteristics, organization, management, combinations, and accounting; regulation, valuation, and rate-making are stressed. Prerequisite: Economics 1-2. Morning.
- 185 *Railroad Transportation* (3) Kennedy
Railroad history, organization, regulations, rate-making theory and practice, accounting, securities, and consolidation. Work of Interstate Commerce Commission stressed. Prerequisite: Economics 1-2. Morning.
- 186 *Motor, Air, and Water Transportation* (3) Kennedy
History, organization, economics, regulations, and rates of motor, air, and water carriers; coordination of transportation. Prerequisite: Economics 1-2. Morning.
- 191-92 *Proseminar: Problems in Retailing* (3-3) A. Johnson
Principles and problems in retail merchandising, including market inventory valuation, and expense control; service and personnel problems. Evening.
- 193 *Accounting Systems* (3) Lewis
Theory and procedure of designing and installing accounting systems for collecting, recording, analyzing, and presenting accounting data. Prerequisite: Business Administration 145 and 151-52. Evening.

THIRD GROUP

- 215 *Corporation Financial Problems* (3) Kennedy
Financial practice in promotion, consolidations and mergers, capital structure adjustments, and reorganizations. Evening. (Also offered 1947 summer term.)
- 216 *Seminar in Business Finance* (3) Kennedy
Evening.
- 251-52 *Seminar in Accounting* (3-3)
Evening.
- 260 *Advanced Federal Accounting* (3)
Advanced principles and practices in federal accounting relationship to general policy and administration. (Not offered in 1947-48.)

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|---------|---|-----------|
| 281-82 | <i>Business Policy</i> (3-3)
Evening. | Barlow |
| 285-86 | <i>Seminar in Transportation</i> (3-3)
(Not offered in 1947-48.) | Kennedy |
| 291-92 | <i>Seminar in Business Administration</i> (3-3)
Evening. Summer term 1947—Business Administration 291 (3). | Kennedy |
| 299-300 | <i>Thesis</i> (3-3) | The Staff |

CHEMISTRY

Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry*
Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry, Executive Officer*

Samuel Nathaniel Wrenn, Ph.D., *Professor of Chemistry*
Charles Rudolph Naeser, Ph.D., *Professor of Chemistry*
James Irvin Hoffman, Ph.D., *Professorial Lecturer in Chemistry*
Duncan MacDougall, Ph.D., *Professorial Lecturer in Chemistry*
Florence Everett Hooper, Ph.D., *Assistant Professor of Chemistry*
Robert Corbin Vincent, Ph.D., *Assistant Professor of Chemistry*
Reuben Esselstyn Wood, Ph.D., *Assistant Professor of Chemistry*
Rex McLean Guest, Ph.D., *Instructor in Chemistry*
James Willard Harkness, B.S., Ed.M., *Instructor in Chemistry*
Joe Reece Hart, M.S., *Instructor in Chemistry*

The Major.—Prerequisite: Chemistry 11-12, 21, and 22; Mathematics 19 and 20; Physics 5, 6, 7, and 8. Required: Chemistry 111-12, 122, 151-52, and 155 or 155 (two credit hours). The work of the junior and senior years must be approved by the Department. The German language is strongly recommended for all majors, and is essential for all students doing graduate work.

Requirements for the Master's degree.—In addition to the requirements for the Bachelor's degree: Chemistry 131-32, 193, 211-12, 251-52, 299-300, and the program must include at least four credit hours of laboratory courses. A reading-knowledge examination in French or German (German preferred) must be passed before the second half of the work is started.

Registration.—Before completing registration for courses in which there are laboratory sections, each student must obtain from the representative of the Department an assignment to a laboratory section.

FIRST GROUP

- †11-12 *General Chemistry* (4-4) Van Evera, Naeser, Hooper
Chemistry 11-12 is an elementary course in General Chemistry. Students who have credit for high school chemistry may enter Chemistry 12 or 12x only after passing a qualifying examination. (See the University calendar for the exact date of the qualifying examination which is given in September, January, and June.) Prerequisite: one year of high school algebra. Laboratory fee, \$12 a term. Lecture: 2 hours; laboratory (4 hours); recitation (1 hour)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
Chemistry 11x, same as Chemistry 11, but offered winter term.
Morning, afternoon, and evening sections.
Chemistry 12x—same as Chemistry 12, but offered fall term.
Morning, afternoon, and evening sections.

- 21 *Qualitative Inorganic Analysis* (4) Vincent
Theoretical and practical study of methods of separating and identifying the more common cations and anions using semi-micro techniques. Prerequisite: Chemistry 12. Laboratory fee, \$12 a term. Lecture (2 hours)—afternoon and evening sections; laboratory (6 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
Chemistry 21x—same as Chemistry 21, but offered winter term. Lecture—afternoon and evening sections; laboratory—morning, afternoon, and evening sections.
- 22 *Quantitative Inorganic Analysis* (4) Guest
The principles of gravimetric and volumetric analysis. Prerequisite: Chemistry 21. Laboratory fee, \$15 a term. Lecture (2 hours)—morning and evening sections; laboratory (6 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

- †111-12 *Physical Chemistry* (5-5) Wood
Introduction to theoretical chemistry. Prerequisite: Chemistry 22 and 152; Mathematics 20; Physics 8. Laboratory fee, \$12 a term. Lecture (3 hours)—morning and evening sections; laboratory (6 hours)—afternoon, evening, and Saturday sections.
- 122x *Quantitative Inorganic Analysis* (4) Guest
Application of the fundamental principles of analysis to more difficult separations and determinations. Prerequisite: Chemistry 21 and 22. Laboratory fee, \$15. Lecture (1 hour)—morning and evening sections; laboratory (9 hours)—afternoon and evening sections.
- †131-32 *Inorganic Chemistry* (2-2) Naeser
Chemistry and its theories from the standpoint of the periodic table, with major emphasis on the more common elements. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. Evening.
- 135-36 *Inorganic Chemistry: Preparations* (2-2) Naeser
Application of the technique of inorganic chemistry to the preparation and purification of a list of selected substances. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. Laboratory fee, \$12 a term. Laboratory (6 hours). Time to be arranged. (Also offered 1947 summer term.)
Chemistry 135x—same as Chemistry 135, but offered winter term.
- †151-52 *Organic Chemistry* (4-4) Mackall and Assistants
Chemistry of the compounds of carbon. Credit is not given for Chemistry 151 until Chemistry 152 is completed. Prerequisite: Chemistry 21. Chemistry 151.—Laboratory fee, \$6. Lecture (3 hours)—morning and evening sections; laboratory (3 hours)—afternoon and evening sections. Chemistry 152.—Laboratory fee, \$12. Lecture (2 hours)—morning and evening sections; laboratory (6 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)

- 155 *Organic Chemistry: Preparations* (2 or 3) Wrenn
The synthesis of organic compounds and the application of the technique of organic chemistry to the preparation of pure compounds using larger amounts and greater refinements than in Chemistry 151-52. Prerequisite: Chemistry 22 and 152. Laboratory fee, \$7 a credit hour. Time to be arranged. (Also offered 1947 summer term.) Chemistry 155a—same as Chemistry 155, but offered winter term.
- 156 *Qualitative Organic Analysis* (2) Mackall
The identification of pure organic compounds, the separation of mixtures, and the identification of their components. Prerequisite: Chemistry 22 and 155. Laboratory fee, \$15. Laboratory (6 hours) Time to be arranged.
- 171-72 *Explosives and Explosions* (3-3) MacDougall
The chemical and physical properties of explosives and the mechanism of the detonation process and related phenomena. Time to be arranged.
- 191 *History of Chemistry* (2) Mackall
The development of chemistry, and the biographies of eminent contributors to the science. Prerequisite: Chemistry 22 and 152. Morning.
- 193 *Chemical Literature* (1) Wrenn
A general course in chemical literature with reference work and reports. Prerequisite: Chemistry 22 and 152; prerequisite or concurrent registration: Chemistry 111-12. Time to be arranged.
- THIRD GROUP**
- 203 *Chemical Kinetics* (2) Wood
The rates of chemical reaction and the factors influencing them. Prerequisite: Chemistry 112. Evening.
- 204 *Catalysis* (2) Guest
Prerequisite: Chemistry 203. Evening.
- 211-12 *Advanced Physical Chemistry* (2-2) Van Evert
Development and application of the principles of thermodynamics and the kinetic theory to chemical problems. Prerequisite: Chemistry 112. Evening.
- †221-22 *Advanced Quantitative Analysis* (2-2) Hoffman
The theory of the quantitative estimation of the less common elements. Prerequisite: Chemistry 122 and 132. Offered in 1948-49.
- 226 *Quantitative Organic Analysis* (3) Vincent
Micro and semi-micro procedures. Prerequisite: Chemistry 122 and 152; permission of the instructor. Laboratory fee, \$12. Time to be arranged.
- †231-32 *Advanced Inorganic Chemistry* (2-2) Hoffman
The chemistry of the less familiar elements. Prerequisite: Chemistry 132 and 152. Evening.

- 251-52 *Advanced Organic Chemistry* (3-3) Wrenn
The study of the syntheses, reactions, and properties of carbon compounds; the fundamental theories of organic chemistry. Prerequisite: Chemistry 152; prerequisite or concurrent registration: Chemistry 111-12 and 193. Evening.
- 253 *Advanced Synthetic Organic Chemistry* (3) Wrenn
A critical study of the reactions employed in the synthesis of organic compounds. Prerequisite: Chemistry 251. Time to be arranged.
- 254 *Stereochemistry* (2) Mackall
The stereochemistry of organic compounds. Prerequisite: Chemistry 252. Time to be arranged.
- 255 *Carbohydrates* (2) Hooper
The structure and properties of the carbohydrates. Prerequisite: Chemistry 252. Time to be arranged.
- 291-92 *Seminar: Recent Developments in Chemistry* The Staff
(1-1)
Individual investigations of special problems. All students registered for a Master's degree in chemistry are expected to attend this seminar during residence for the degree, and to take part in its programs. Credit for participation in the seminar work may be obtained by registering for this course during the last two terms of residence; this credit, however, is based upon the seminar work during the entire period of residence. Alternate weeks, evening.
- 297-98 *Research* The Staff
Research on problems approved by the staff. Open to qualified students with advanced training. Hours, credits, and fees to be arranged. (Also offered 1947 summer term.)
- 299-300 *Thesis* (3-3) The Staff
Laboratory fee, \$15 a term. Hours to be arranged. (Also offered 1947 summer term.)

CIVIL ENGINEERING

- Carl Hugo Walther, B.E., M.C.E., *Professor of Civil Engineering, Executive Officer*
 Waldo Edward Smith, B.E., M.S. in C.E., *Professorial Lecturer in Civil Engineering*
 Bruce Douglas Greenshields, B.S. in C.E., C.E., Ph.D., *Associate Professor of Civil Engineering*
 Raymond Pugh Eyman, C.E., *Associate Professor of Civil Engineering*
 James Joseph Kerley, Jr., A.B. in C.E., *Assistant Professor of Civil Engineering*
 Edgar Stover Walker, B.S. in C.E., *Lecturer in Civil Engineering*
 George Francis Strollo, B.S. in C.E., M.C.E., *Lecturer in Civil Engineering*
 Ralph Edward Fuhrman, B.S. in C.E., M.S., *Lecturer in Civil Engineering*
 Sarkis Bagdoyan, B.S. in C.E., *Lecturer in Civil Engineering*
 Moses Freedman, B.S. in Eng., *Lecturer in Civil Engineering*
 Harold Harrison Dutton, B.S. in C.E., *Lecturer in Civil Engineering*
 William Hayward, B.S. in C.E., *Lecturer in Civil Engineering*
 Perry Harold Petersen, B.S. in C.E., *Lecturer in Civil Engineering*

Minimum requirements for the major.—See pages 108-9.

FIRST GROUP

- 2 *Plane Surveying* (3) Walker, Eyman, and Staff
 Principles, methods, and instruments used in surveying; with field work. Prerequisite: Trigonometry. Surveying fee, \$8. Morning, afternoon, and evening sections; field work—morning and afternoon sections. (Also offered 1947 summer term.)
- 15 *Navigation* (3) Eyman
 Principles, methods, and instruments used in surface and aerial navigation. Charts, piloting, dead-reckoning, nautical astronomy, position determination. Prerequisite: Trigonometry. (Not offered in 1947-48.)
- 17 *Meteorology for Navigation* (2)
 Principles and elements of atmospheric behavior; weather forecasting data, and maps. Prerequisite: Physics 6 and 7. (Not offered in 1947-48.)
- 21 *Analytical Mechanics: Statics* (2) Greenshields and Staff
 Composition and resolution of forces; axial stresses; centroids; friction. Prerequisite: Physics 6; prerequisite or concurrent registration: Mathematics 20. Morning and evening sections. (Also offered 1947 summer term.)

22 Analytical Mechanics:

Greenshields and Staff

Dynamics (3)

Kinematics of a particle; kinetics of a body in translation, rotation, and plane motion; work and energy; impulse and momentum; simple vibrations. Prerequisite: Civil Engineering 21. Morning and evening sections. (Also offered 1947 summer term.)

23 Higher Surveying (4)

Eyman and Staff

Elements of geodesy, triangulation, topography, hydrography, and precise and trigonometric leveling, with field work. Prerequisite: Civil Engineering 2. Surveying fee, \$8. Lecture—morning and evening sections; field work—morning and afternoon sections.

25-26 Engineering Materials (2-2)

The Staff

Emphasis on properties and uses of nonmetallic materials such as cements, fuels, and plastics; and metallic materials including steel, copper, aluminum, and alloys. Prerequisite or concurrent registration: Chemistry 12. Morning and evening sections. (Also offered 1947 summer term.)

SECOND GROUP**123 Strength of Materials (3)**

Kerley, Smith

Tension, compression, shear, flexure, and torsion; deflection; combined and working stresses. Prerequisite: Civil Engineering 22. Morning and evening sections. (Also offered 1947 summer term.)

136 Hydraulics (3)

Kerley, Smith

Hydrostatics: flow through pipes and open channels; laminar and turbulent flow. Prerequisite: Civil Engineering 22. Morning and evening sections. (Also offered 1947 summer term.)

140 Materials and Hydraulics Laboratory (2)

Kerley, Dutton

Determination of the properties of materials by mechanical tests, and a study of the flow of fluids. Prerequisite: Civil Engineering 123; prerequisite or concurrent registration: Civil Engineering 26 and 136. Laboratory fee, \$6. Afternoon and evening sections. (Also offered 1947 summer term.)

141 Graphic Statics (3)

Kerley, ———

Fundamental principles; analyses of beams; determination of stresses in roof trusses and framed bents. Prerequisite or concurrent registration: Civil Engineering 123. Drafting-room fee, \$1. Lecture (2 hours)—morning and evening sections; drafting room (3 hours)—afternoon and evening sections.

142 Bridge Stresses (3)

Kerley, ———

Determination of stresses in modern types of bridge trusses. Prerequisite: Civil Engineering 141. Drafting-room fee, \$1. Lecture (2 hours)—morning and evening sections; drafting room (3 hours)—afternoon and evening sections. (Also offered 1947 summer term.)

147-48 Structural Design (2-2)

Walther, Bagdoyan

Computations and drawings for the design of steel structures. Prerequisite: Civil Engineering 142. Drafting-room fee, \$3 a term. Afternoon and evening sections.

149-50 Concrete and Masonry Construction (3-3)

Strollo

Plain concrete, general properties and theory of reinforced concrete foundations and retaining walls. Prerequisite: Civil Engineering 142 and 123. Civil Engineering 149, laboratory fee, \$6; Civil Engineering 150, drafting-room fee, \$1. Evening.

151-52 Statically Indeterminate Structures (2-2)

Walther

A study of such structures as continuous spans, rigid frames, and arches by methods of work, slope deflection, and moment distribution. Prerequisite: Civil Engineering 142. Evening.

154 Advanced Mechanics of Materials (3)

Walther

Advanced topics in the mechanics of materials. Stresses at a point, thick cylinders, general bending, torsion, localized stress, and stress concentration. Prerequisite: Civil Engineering 25-26 and 123. Evening.

164 Highway Engineering (3)

Greenshields

Highway economics, location, construction, and maintenance. Prerequisite: Civil Engineering 25 and 171. Evening.

171 Route Surveying (3)

Eyman and Staff

Curves and earthwork, and methods of location as used on railroads and highways; field work; complete highway location. Prerequisite: Civil Engineering 2. Surveying fee, \$8. Lecture—evening, 7:30-9:00 p.m.; work—afternoon.

172 Railroad Engineering (3)

Track construction and requirements, rolling stock, cost and operation of railroads, with field work. Prerequisite: Civil Engineering 171. Surveying fee, \$8. (Not offered in 1947-48.)

181-82 Water Supply and Sewerage (3-3)

Fuhrman

Collection, storage, purification, and distribution of water; sewerage systems and treatment of sewage. Prerequisite: Civil Engineering 171. Chemistry 12. Evening.

187-88 Engineering Contracts and Specifications (2-2)

Freedman

Contract essentials, types, and legal principles; analysis and preparation of specifications. Prerequisite or concurrent registration: Civil Engineering 25-26. Evening.

189-90 Civil Engineering Proseminar (1-1)

Greenshields,

Evening.

CLASSICAL LANGUAGES AND LITERATURES

John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*

LATIN

- †1-2 *First-year Latin* (3-3) Latimer
Essentials of Latin grammar; reading selections; composition. Morning and evening sections.
- †3-4 *Second-year Latin* (3-3) Latimer
Review of grammar; wide variety of reading selections; composition. Morning.
- †115-16 *Selected Roman Authors* (3-3) Latimer
Depending upon student interest, certain authors will be selected for study each term. With the written approval of the instructor, the course may be repeated for credit. Time to be arranged.

GREEK

FIRST GROUP

- †1-2 *First-year Greek* (3-3) Latimer
Essentials of Greek grammar; reading selections; composition. Time to be arranged.
- †3-4 *Second-year Greek* (3-3) Latimer
Review of grammar; wide variety of reading material; composition. (Not offered in 1947-48.)

SECOND GROUP

- 117-18 *Greek Backgrounds in Literature* (3-3) Latimer
Time to be arranged.

DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology, Executive Officer*

George William Creswell, A.B., M.D., *Associate in Dermatology and Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Associate in Dermatology and Syphilology*

Theodore Claremont Chen Fong, M.D., *Associate in Dermatology and Syphilology*

James Quincy Gant, Jr., M.S., M.D., *Clinical Instructor in Dermatology and Syphilology*

313-14 *Dermatology and Syphilology*

Lectures on diseases of the skin and syphilis. One hour a week. Anderson

316 *Neurosyphilis*

Lectures, clinical demonstrations, and practical diagnostic and therapeutic procedures. One hour a week for eight weeks. Fong

317-18 *Clinic*

Case demonstrations, diagnosis, and treatment of skin diseases and syphilis. Three hours a week. Gallinger Hospital. Kirby-Smith

407-8 *Clinic*

Dermatology and syphilology in infants and children. Childrens Hospital. Two hours a week. Anderson

409-10 *Clinic*

Clinical demonstration, diseases of the skin. Two hours a week. Emergency Hospital. Anderson, Kirby-Smith

411-12 *Clinic*

Clinical demonstrations, diseases of the skin, and diagnosis and therapy of syphilis. One hour a week. University Hospital. The Staff

413-14 *Clinic*

Diagnosis, laboratory procedures, and treatment of syphilis. Two hours a week. Southwest Health Center. Creswell

. ECONOMICS

- John Donaldson, Ph.D., *Professor of Political Economy*
 Arthur Edward Burns, Ph.D., *Professor of Economics*
 James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*
 Gerhard Colm, Dr. rer. pol., *Professorial Lecturer in Economics*
 Arthur Smithies, LL.B., Ph.D., *Professorial Lecturer in Economics*
 Edward Campion Acheson, Ph.D., *Associate Professor of Finance*
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics, Executive Officer*
 Paul Edward Hanchett, Ph.D., *Assistant Professor of Economics*
 Albert Raymond Miller, Jr., A.M., *Assistant Professor of Economics*
 Peyton Armstrong Kerr, Ph.D., *Lecturer in Economics*
 Bennett Sexton White, Jr., Ph.D., *Lecturer in Economics*
 James Russell Andrus, Ph.D., *Lecturer in Economics*
 Henry William Blalock, Ph.D., *Lecturer in Economics*
 Edwin Medbery Fitch, Ph.D., *Lecturer in Economics*
 David Renshaw Roberts, Ph.D., *Lecturer in Economics*

The major.—Prerequisite: Economics 1-2. Required: (1) Economics 101 and three additional credit hours in economic theory (courses numbered 100-109); (2) six credit hours in each of three of the four following groups: finance (courses numbered 120-29), labor (courses numbered 140-49), government and economic policy (courses numbered 160-69), and international economics (courses numbered 180-92); (3) fifteen credit hours of second-group courses selected from the following departments—Business Administration, History, Philosophy, Political Science, Sociology, and Statistics; strongly recommended: Statistics 111-12.

FIRST GROUP

1-2 *Introductory Economics** (3-3)

The Staff

Survey of the major economic institutions and economic problems in contemporary society. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

Economics 1x—same as Economics 1, but offered winter term. Morning and evening sections.

Economics 2x—same as Economics 2, but offered fall term. Morning and evening sections.

SECOND GROUP*

101 *Economic Theory* (3)

The Staff

Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. Morning and evening sections. (Also offered 1947 summer term.)

Economics 101x—same as Economics 101, but offered winter term. Morning and evening sections.

* Economics 1-2 is prerequisite to all other courses in economics.

- 102 *History of Economic Thought* (3) Burns
Economic doctrines since the mercantilist writers; the history of the major schools of thought; influence of changing problems on theory. Morning.
- 105 *Business Cycles* (3) Burns
Analysis of strategic factors in economic instability and economic retardation; survey of recent business-cycle theories. Morning. (Also offered 1947 summer term.)
- 108 *The National Income* (3) Miller
The measurement, composition, and determinants of the national income. (Not offered in 1947-48.) Summer term 1947.
- 121-22 *Money and Banking* (3-3) Acheson
Money, bank credit, and prices; commercial and investment banking; banking systems; historical development of banking; government and banking; functions of money and banking. Morning and evening sections. (Also offered 1947 summer term.)
- 123 *Monetary Theory* (3) Acheson
The development of monetary theory; principal contemporary approaches; theoretical background of recent monetary policy. Morning.
- 126 *Foreign Exchange and International Finance* (3) Acheson
Theory and practice of foreign exchanges; the gold standard and international finance during the nineteenth century; war and postwar exchange problems. Prerequisite: Economics 121-23. Evening.
- 141 *Labor Economics* (3) Roberts
Labor problems: wages, hours, and working conditions; growth of labor organizations; types of unions; union tactics and programs. Morning and evening sections.
- 142 *Government and Labor Problems* (3) Roberts
Labor legislation; labor and the courts; federal regulation of capital-labor relations; the work of federal labor boards. Evening.
- 146 *Economic Security and Social Insurance* (3) Roberts
Economic and social problems of unemployment and destitution; analysis of the federal social security program; survey of the Beveridge and other plans. Summer term 1947.
- 161-62 *Public Finance and Taxation* (3-3) Hanchett
General survey of government expenditures, sources and methods of taxation, economic effects of expenditures and taxes, and of government debt policies. Morning and evening sections.
- 165 *Government Control of Economic Activity* (3) Watson
Changing role of government in promoting and regulating economic activity; types and spheres of control. Morning.

- 166 *Comparative Systems of Economic Reform* (3) Watson
Critical analysis of the major theories of economic and social reform, with special attention to their origins and backgrounds.
Summer term 1947.
- 167 *Economics of Planning* (3) Watson
Analytical comparison of economic systems coordinated by market price with those coordinated by central authority. (Not offered in 1947-48.)
- 180 *Principles of Foreign Trade* (3)
International trade, foreign exchange, tariffs and commercial agreements.
Summer term 1947.
- 181-82 *International Economics* (3-3) Donaldson
Survey of world economics; basic factors; resource controls; international trade; industrial, financial, and monetary processes and policies; relation to internal economic systems. Afternoon and evening sections.
- 183 *Tariffs and Commercial Treaties* (3) Donaldson
Origins and types of modern foreign commercial policy, in the light of evolving doctrines; forms and economic effects of tariffs and other measures, and of international commercial accords. Afternoon.
- 184 *The New Foreign Economic Policies* (3) Donaldson
The new types of foreign trade and exchange controls and agreements; causes, growth, and techniques. Evening.
- 185-86 *Economic History and Problems of South America* (3-3) Corliss
Economic development of South America (excluding Colombia and Venezuela). Particular emphasis on economic developments and problems since the First World War. 1948-49 and alternate years, evening.
- 187-88 *Economic History and Problems of the Caribbean Area* (3-3) Corliss
Economic developments of Colombia, Venezuela, Mexico, and the Central American and West Indian republics. Particular emphasis on economic developments and problems since the First World War. 1947-48 and alternate years. Evening.
- 193-94 *Proseminar in Latin American Civilization and Culture* (3-3) Corliss
Coordination and review course. Open only to candidates majoring in Latin American Civilization and Culture. Time to be arranged.
- 197-98 *Readings in Economics* (3-3) Burns, Watson
Comprehensive survey of economics. Open only to students whose major is economics and who are in their last term. Time to be arranged.

THIRD GROUP

- 201-2 *History and Literature of Economic Thought* (3-3) Burns
Critical analysis and interpretation of the development and the literature of economic thought; origins and problems of the major types of theory; their relation to present problems and policies. Evening. (Also offered 1947 summer term.)
- 203 *Partial Equilibrium Theory* (3) Watson
The contributions of Marshall, Chamberlin, and Robinson. Evening.
- 204 *Contemporary Economic Theory* (3) Watson
Intensive analysis of Hicks' *Value and Capital*. Prerequisite: Economics 201-2. Evening.
- 205 *Business Cycle Theory* (3) Burns
The contributions of the pre-Keynesian writers. Summer term 1947.
- 206x *Theory of Employment and Income* (3) Smithies
Analysis of several types of current business-cycle theories; recent works of Keynes and others. Evening.
- 208 *The National Income* (3) Smithies
The theory of economic aggregates; policy aspects of national income. Evening.
- 210 *Methodology in Economics* (3) Burns
The nature of economic theory; relations of economics to philosophy and other disciplines. (Not offered in 1947-48.)
- 225 *Economic Stabilization Policies* (3) Smithies
Appraisal of economic policies directed towards the stabilization of the economy, with special attention to the problem of full employment. (Not offered in 1947-48.)
- 227 *International Finance* (3) Acheson
Studies of the monetary history and exchange problems of selected countries. (Not offered in 1947-48.)
- 241 *Labor Economics* Fitch
Analysis of labor problems, with special reference to labor organization; intensive study of federal regulation and participation in capital-labor relations. Evening.
- 244 *Labor Relations* (3) Fitch
The collective bargaining contract and the elements comprising it; analysis of the policies of labor and of management. Evening.
- 261-62 *Public Finance and Fiscal Policy* (3-3) Colm
Survey of the major contributions to the theory and doctrines of public finance. Special problems: deficit financing; current tax problems; and federal, state, and local financial relationships. Evening.

- 265 *Theory of Economic Policy* (3) Donaldson
The nature, forms, methods, and objectives of economic policy; the relation of economic theory to economic policy. (Not offered in 1947-48.)
- 281 *Theories of International Economics* (3) Donaldson
Examination and critique of mercantilism, classical international equilibrium analysis, and other schools of world economic thought. Evening.
- 282 *The Balance of International Payments* (3) Donaldson
Structure and theories of the balance; money and foreign exchange and interrelationships of trade, gold flows, capital movements, etc.; the balance and foreign economic policy formulation. Evening.
- 283-84 *Research in International Economics* (3-3) Donaldson
Original investigations, analyses, and seminar discussions of special problems and concepts in world economics. (Not offered in 1947-48.)
- 285-86 *Public and Private Finance in Latin America* Corliss
(3-3)
Corporate finance, banking, and capital movements in Latin America; fiscal problems; public debt, deficit financing, taxation, public expenditures; foreign-exchange controls and problems. A reading knowledge of Spanish or Portuguese is required. Evening.
- 287-88 *Economic Problems of Latin America* (3-3) Corliss
Foreign trade and foreign commercial policy; growth of industry and agriculture; government control of economic activity; recent economic trends and problems. 1948-49 and alternate years.
- 289 *Problems in International Financial Policy* (3) Smithies
1947-48 and alternate years. Evening.
- 290 *Problems in International Economic Policy* (3) Smithies
Exchange stabilization, world financial reconstruction, trade policy. 1948-49 and alternate years.
- 297-98 *Thesis* (School of Government majors) (3-3) The Staff
- 299-300 *Thesis* (3-3) The Staff

EDUCATION

William Cullen French, Ph.D., *Professor of Education*
 James Harold Fox, A.M., Ed.D., *Professor of Education, Executive Officer*
 Burnice Herman Jarman, A.M., Ed.D., *Professor of Education*
 Meredith Chester Wilson, B.S., *Adjunct Professor of Education*
 Ruth Coyner Little, Ph.D., *Professorial Lecturer in Education*
 Lindley Hoag Dennis, A.M., Voc. Ed. D., *Professorial Lecturer in Education*
 Ray LaForest Hamon, Ph.D., *Professorial Lecturer in Education*
 Benjamin Franklin Kyker, A.M., *Professorial Lecturer in Education*
 Charles Edward Bish, A.M., Ed.D., *Associate Professor of Education*
 Arthur Hoppe, M.S., *Assistant Professor of Education*
 Jane Frost Hilder, *Lecturer in Education, Supervisor of Reading Clinic*
 Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*
 LuVerne Crabtree Walker, A.M., *Lecturer in Education*
 Helen Barton Goodwin, A.M., *Lecturer in Education*
 Earl Thomas Willis, A.M., *Lecturer in Education*
 Wilda Freebern Faust, A.M., *Lecturer in Education*
 Marion DeFries Hall, A.M., *Chief Clinician, Reading Clinic*
 Marie Marguerite Neeb, A.M., *Assistant Clinician, Reading Clinic*

CONSULTANTS IN RESEARCH

Howard Richmond Anderson, Ph.D., *Consultant in Research, Education*
 Benjamin William Frazier, Ed.D., *Consultant in Research, Education*

Minimum requirements for degrees.—See pages 125 and 126.

SECOND GROUP

109-10 *Learning and Teaching* (3-3)

For the general student as well as the prospective teacher. Fall term: nature of learning and teaching approached through the study of actual classroom situations. Winter term: the environmental influences that affect learning. Lecture (2 hours)—morning and evening sections; field work (2 hours)—to be arranged. (Also offered 1947 summer term—Education 109 (3).) Hoppe

115 *Elementary Classroom Procedures* (3)

Evaluating children's needs and interests by observation and testing; providing for individual differences, formulating lesson plans, utilizing community resources, use of teaching aids. Hall
 Summer term 1947.

- 121-22 *Society and the School* (3-3) Jarman, Bish
For the general student as well as the prospective teacher. Fall term: the local, national, and international roles of education; co-operation of the school with other community agencies. Winter term: organization and operation of schools; principles and functions. Lecture (2 hours)—morning and evening sections; field work (2 hours)—to be arranged. (Also offered 1947 summer term.)
- 123-24 *Reading Problems* (3-3) Hilder
A clinical approach to reading difficulties on elementary and secondary school levels. Saturday morning.
- 125 *Corrective Procedures in Reading* (3) Hilder
Study of levels, needs, materials, and corrective methods. Demonstrations and observations with clinic cases. Summer term 1947.
- 131 *Common Teaching Skills* (3)
Course, unit, and lesson planning; homeroom procedures; discipline, clerical routines; activity sponsorship; committee procedures; public relations duties. Lecture (2 hours)—afternoon; field work (2 hours)—to be arranged.
- 133-34 *Observation and Practice Teaching* (2 to 6)
Education 134, practice-teaching fee, \$6 a credit hour. Admission by permission of the instructor. Time and credits to be arranged individually.

SPECIAL METHODS COURSES

To be elected in the second term of the senior year after substantial preparation in the teaching fields concerned. Course requirements and hours of credit vary with license requirements. Practices of successful teachers are studied and actual teaching content as found in current texts and courses of study is reviewed.

- 136 *Teaching English* (2 to 4)
Lecture (2 hours)—late afternoon; field work (2 hours)—to be arranged.
- 138 *Teaching Social Studies* (2 to 4) Willis
Lecture (2 hours)—late afternoon; field work (2 hours)—to be arranged.
- 140 *Teaching Mathematics* (2) Weida
Time to be arranged.
- 141-42 *Teaching Art* (3-3) Goodwin
(Not offered in 1947-48.)
- 144 *Teaching Science* (2 to 4) Bish
Lecture (2 hours)—late afternoon; field work (2 hours). (Not offered in 1947-48.)

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- 224 *Newer Developments in Children's Literature* (3) Walker
Exploring and evaluating the newer books for children and the children's classics; understanding the contribution of literature in child development; appreciating children's original expressions; surveying resources in the field. (Not offered in 1947-48.)
- 225-26 *Seminar: Elementary Education in the Intermediate Grades* (3-3) Little
A comprehensive study of the major problems of the intermediate grades. Evening.
- 230 *Administration of Elementary Education* (3) _____
Management planning, execution, and control; budget, internal school finance, lunch programs, supplies, building utilization and maintenance, teaching aids, group management procedures. Evening. (Also offered 1947 summer term.)
- 231 *Secondary School Classroom Procedures* (3) Bish
Survey of current classroom practices with particular attention to teaching aids; reviews of recent literature.
Summer term 1947.
- 248 *Vocational Education* (3) Dennis
Current issues and problems.
Summer term 1947.
- 249 *Work Experience and Business Education* (3) _____
Designed to provide supervised business experience for teachers of business education. Full-time, paid employment in local retail establishments provides experience with a variety of business operations. Class meetings devoted to study of the implications for instruction.
Summer term 1947.
- 252 *Guidance in Secondary Schools* (3) _____
Nature, scope, administration, and supervision of guidance functions for Grades 7-12. Provision for the special needs and interests of administrators, counselors, home room teachers, the business education staff, and instructors in other vocational and in academic subjects. Evening. (Also offered 1947 summer term.)
- 255-56 *Secondary Education* (3-3) Bish
Fall term: review of recent literature and practices; particular attention to *Education for All American Youth*, the recent report of the Educational Policies Commission, and *General Education in a Free Society*, Harvard Committee. Winter term: current problems in each of the subject-matter fields. Saturday morning. (Also offered 1947 summer term—Education 255 (3).)
- 259-60 *Administration of Secondary Education* (3-3) Fox
Management planning, execution, and control; criteria of good management; construction of the master schedule; leadership problems incident to the development of new policies and programs. Evening.

- 271 *The American School System* (3) Fox
Organization of public education; sources of school revenue; influences of national and state agencies; local administrative units; the chief legal controls; criteria of building administration; responsibilities of teachers. Saturday morning. (Also offered 1947 summer term.)
- 272 *The Teacher and School Supervision* (3) Fox
Nature, organization, human relationships, and techniques. Saturday morning. (Also offered 1947 summer term.)
- 273-74 *Administration of a School System* (3-3)
A comprehensive survey of the management problems of a beginning superintendent; does not anticipate previous experience as a superintendent. Evening.
- 276 *Seminar: Public Relations in School Administration* (3) Fox
Purposes; gathering materials; disseminating agencies; publicity media; public participation in policy-making. (Not offered in 1947-48.)
- 278x *School Law* (3) Remmler
Sources and scope of school law; legal rights and responsibilities of teachers, pupils, and taxpayers. Other legal problems of major interest to the group. Evening.
- 279-80 *Adult Education* (3-3) Bish
Fall term: nature, extent, and organization of programs in adult education. Winter term: interests, needs, and capacities of adult learners; techniques employed in motivating and directing learning activities. (Not offered in 1947-48.)
Summer term 1947—Education 279 (3).
- 281 *Audio-visual Education* (3)
Selection and use of audio-visual aids; management of materials and equipment. Material fee, \$5. Lecture (2 hours), laboratory (2 hours)—Saturday morning.
- 283-84 *Employee Training* (3-3) Bish
Organization and administration of employee-training programs in accordance with operating needs; orientation, supervisory, and skills training; coordination of training with other personnel functions; evaluation of training. Field work is required. Evening.
- 285 *Extra-classroom Activities* (3) Bish
Home room functions, emphasizing orientation and guidance; student self-government, clubs, assemblies, school publications.
Summer term 1947.
- 286x *Non-classroom Activities in the Elementary School* (3) Faust
Assemblies, student self-government, clubs, school publications, money-raising activities, student help, group projects.
Summer term 1947.

- 287-88 *Clinical Study of Reading Problems* (3-3) Hilder
For advanced students. Diagnostic work under supervision in the Reading Clinic. Admission by permission of the instructor. Saturday morning.
- 291 *Planning the School Plant* (3) Hamon
Selection of sites; evaluation of existing buildings; utilization of present facilities; adaptation to curricular needs; building, operation, and maintenance problems. (Not offered in 1947-48.)
- 293-94 *Research* (3-3) The Staff
Individual research under the guidance of a member of the staff. Program and conferences arranged with an instructor.
- 295 *Educational Research Methods and Procedures* Fox
(3)
Required of all Master of Arts candidates following Plan 2. Evening. (Also offered 1947 summer term.)
Education 295x—same as Education 295, but offered winter term. Late afternoon.
- 299-300 *Thesis* (3-3) The Staff
Required of all Master of Arts candidates following Plan 1. Time to be arranged. (Also offered 1947 summer term.)

ELECTRICAL ENGINEERING

Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering, Executive Officer*
 Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*
 Newbern Smith, M.S. in E.E., Ph.D., *Professorial Lecturer in Electrical Engineering*
 Milton Kent Akers, B.S., E.E., *Associate Professor of Electrical Engineering*
 Dwight Edward Shytte, *Lecturer in Electrical Engineering*
 Thomas Alvin O'Halloran, B.E.E., *Lecturer in Electrical Engineering*
 Malcolm Richardson Moore, B.E.E., *Associate in Electrical Engineering*

Minimum requirements for the major.—See pages 107-8, 109.

FIRST GROUP

9-10 *Elements of Electrical Engineering (3-3)* Ames
 Electrical Engineering 9: magnetic and electric circuits, and direct-current instruments and machines; Electrical Engineering 10: alternating-current circuits, instruments, and machines. *Prerequisite:* Physics 7. *Prerequisite or concurrent registration:* Mathematics 20. Morning and evening sections. (Also offered 1947 summer term.)

13-14 *Direct- and Alternating-Current Laboratory (2-2)* The Staff

For the student not majoring in electrical engineering. Experiments in direct and alternating currents and direct- and alternating-current machinery. *Prerequisite:* Electrical Engineering 10. Laboratory fee \$6 a term. Afternoon and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

105-6 *Direct-Current Laboratory (2-2)* The Staff

For the student majoring in electrical engineering. A course in measurements and direct-current dynamo laboratory. *Prerequisite:* Electrical Engineering 9-10. Laboratory fee, \$6 a term. Afternoon and evening sections. (Also offered 1947 summer term.)

107 *Electric Circuits (3)* Akers

Alternating-current-circuit theory. Extensive consideration is given to harmonic analysis and to the study of harmonics in both single-phase and polyphase circuits. *Prerequisite:* Electrical Engineering 10. Morning and evening sections.

108 *Alternating-Current Machinery (3)* Akers

Synchronous generators and motors, transformers, and mercury arc rectifiers. *Prerequisite:* Electrical Engineering 107. Evening.

- 109 *Alternating-Current Machinery* (3) _____
A continuation of Electrical Engineering 108. Converters, induction motors, single-phase motors. Prerequisite: Electrical Engineering 108. Morning and evening.
- 111-12 *Electrical Measurements* (2-2) Harris
Theory of direct-current and alternating-current instruments, bridges, and meters. Prerequisite or concurrent registration: Electrical Engineering 107. Morning and evening.
- 118 *Advanced Network Theory I* (3) _____
Theory of linear networks and transmission lines, including wave guides, at all frequencies. Prerequisite: Electrical Engineering 107. Time to be arranged.
Electrical Engineering 118x—same as Electrical Engineering 118, but offered fall term. Morning and evening sections.
- 119x *Advanced Network Theory II* (3) _____
A continuation of Electrical Engineering 118. Prerequisite: Electrical Engineering 118. Time to be arranged.
- 120 *Advanced Network Laboratory I* (2) _____
A laboratory course associated with Electrical Engineering 118-19. Laboratory fee, \$6. Time to be arranged.
Electrical Engineering 120x—same as Electrical Engineering 120, but offered fall term. Morning and evening sections.
- 121x *Advanced Network Laboratory II* (2) _____
A continuation of Electrical Engineering 120. Prerequisite: Electrical Engineering 120. Laboratory fee, \$6. Time to be arranged.
- 125-26 *Principles of Electric Power Transmission* (2-2) Akers
Mechanical and electrical characteristics of transmission lines, approximate and rigorous solutions by means of hyperbolic functions, steady-state and elementary transient considerations, the more important phases of distribution of electrical energy. Prerequisite: Electrical Engineering 107. Evening.
- 133-34 *Alternating-Current Laboratory* (2-2) The Staff
A continuation of Electrical Engineering 105-6, with experiments on alternating-current circuits, instruments, and machinery. Prerequisite: Electrical Engineering 106 and 108. Laboratory fee, \$6 a term. Afternoon and evening sections. (Also offered 1947 summer term.)
- 136 *Hydro-Electric Engineering* (2)
Present-day theory and practice in hydro-electric engineering. Prerequisite: Electrical Engineering 10; Civil Engineering 136. (Not offered in 1947-48.)
- 137 *Electric Traction* (2) Ames
Theory and practice of modern direct- and alternating-current railways. Prerequisite: Electrical Engineering 10. Evening.
- 138 *Industrial Electrical Power Applications* (2) Akers
The characteristics of the various types of electrical motors and other power appliances and the principles governing their applications in industry. Prerequisite: Electrical Engineering 10 and junior standing. Evening.

- 139 *Illumination Engineering* (2)
Principles and practices in present-day illumination engineering. Prerequisite: Electrical Engineering 10. Evening.
- 140 *Electrical Design* (3)
Principles of design, with reference to materials of construction and electrical equipment. Practical exercises are assigned in connection with classroom work. Prerequisite: Electrical Engineering 109 Evening.
- 142 *Radio-wave Propagation* (3)
Theory of the radiation and propagation of the electromagnetic waves in space, with consideration of practical application to radio problems. Prerequisite: Electrical Engineering 119; Physics 133. Evening. Smith
- 146 *Radio-wave Propagation Laboratory* (2)
A laboratory course associated with Electrical Engineering 142 Evening.
- 148 *Applications of Electronic Devices* (3)
Practical applications of electronic devices such as power supplies, voltage regulators, multivibrators, electronic counters, and servo-mechanism. Prerequisite: Physics 133. Evening.
- 189-90 *Proseminar in Electrical Engineering*
(1-1)
Prerequisite: Electrical Engineering 109. Evening. Ames, Akers

ENGLISH

- Robert Whitney Bolwell, Ph.D., *Professor of American Literature*
 Ernest Sewall Shepard, A.M., *Professor of English, Executive Officer*
 George Winchester Stone, Jr., Ph.D., *Professor of English*
 Fred Salisbury Tupper, Ph.D., *Professor of English*
 Audley Lawrence Smith, Ph.D., *Associate Professor of English*
 Charles William Cole, Ph.D., *Associate Professor of American Literature*
 Calvin Darlington Linton, Ph.D., *Associate Professor of English*
 Averett Howard, A.M., *Assistant Professor of English*
 Muriel Hope McClanahan, Ph.D., *Assistant Professor of English*
 James Harold Coberly, A.M., *Assistant Professor of English*
 Martin Steele Day, Ph.D., *Assistant Professor of English*
 John Wilbur Watson, Jr., Ph.D., *Lecturer in English*
 Phyllis Annette Nichols, A.B., *Instructor in English*
 Vera Lillian Mowry, A.M., *Instructor in English*
 John Palmer Reesing, Jr., A.M., *Instructor in English*
 Ruth Elsie Jones, A.B., *Instructor in English*
 Ruth Shryhock Nelson, A.M., *Instructor in English*
 Edith Upham Gill, A.M., *Instructor in English*
 William Wilburn, A.M., *Instructor in English*
 Philip Young, A.B., *Instructor in English*
 Zietta Shriver Dillon, A.B., *Instructor in English*
 Carlton Brett, A.M., *Instructor in English*
 Pauline Angela De Brodes, A.M., *Associate in English*

FIRST GROUP

A English Practice (3)

The Staff

Instruction, drill, and exercises in grammar, vocabulary, spelling, and mechanics in general; instruction and exercises in composition and reading. This course is designed to prepare students for English 1. Morning and evening sections. (Also offered 1947 summer term.)

1-2 Freshman English * (3-3)

The Staff

Review of grammar, exercises in composition, readings. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
 English 1x—same as English 1, but offered winter term. Morning, afternoon, and evening sections.

English 2x—same as English 2, but offered fall term. Morning, afternoon, and evening sections.

* Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the Freshman English course; those who show deficiencies will be assigned to English A.

- 5-6 *English for Foreign Students* (3-3) The Staff
 A course in reading and writing designed to take the place of English 1-2. Special attention is given to spelling, syntax, grammar, idiom, and vocabulary. Evening.
- 9 *Sophomore Composition* (3) The Staff
 A study of types of expository writing with weekly exercises. Prerequisite: English 1-2. Morning and evening sections. (Also offered 1947 summer term.)
 English 9x—same as English 9, but offered winter term. Morning.
- 10 *Sophomore Composition* (3) The Staff
 A study of the modern short story, with exercises in narrative writing. Prerequisite: English 1-2. Morning and evening sections. (Also offered 1947 summer term.)
 English 10x—same as English 10 but offered fall term. Morning.
- 51-52 *Introduction to English Literature* (3-3) The Staff
 A historical survey. Prerequisite: English 1-2. Morning and evening sections. (Also offered 1947 summer term.)
 English 51x—same as English 51, but offered winter term. Morning and evening sections.
 English 52x—same as English 52, but offered fall term. Morning and evening sections.
- 71-72 *Introduction to American Literature* (3-3) The Staff
 A historical survey. First half: from the beginnings to the Civil War. Second half: from the Civil War to the present day. Prerequisite: English 1-2. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
- 91-92 *Introduction to European Literature* (3-3) The Staff
 Consideration of various types. Prerequisite: English 1-2. Morning and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

- 115-16 *The Short Story* (3-3)
 Some study of the technique of the short story and class criticism of student writing. Prerequisite: English 10 with honor grade, or consent of the instructor after submission of a specimen of imaginative writing. Evening. Stone
- 121-22 *English Literature from the Beginnings to 1500* (3-3)
 Prerequisite: English 51-52, 71-72, or 91-92. Morning. (Also offered 1947 summer term—English 122 (3).) Watson
- 125 *The Evolution of Modern Speech* (3)
 The development of the English language in a historical treatment of English grammar. Evening.

- 126 *The Appreciation of Literature* (3) Watson
The study of the principles of criticism and their application to various literary types. Evening.
- 129-30 *Elizabethan Nondramatic Literature* (3-3) Tupper
Nondramatic literature from 1485 to 1603. Prerequisite: English 51-52, 71-72, or 91-92. Evening. (Also offered 1947 summer term—English 129 (3).)
- 135-36 *Shakespeare* (3-3) Tupper
Prerequisite: English 51-52, 71-72, or 91-92. Evening.
- 139-40 *The Seventeenth Century* (3-3) Linton
First half, poetry and prose from 1603 to 1660; second half, Milton. Prerequisite: English 51-52, 71-72, or 91-92. Morning. (Also offered 1947 summer term—English 140 (3).)
- 141-42 *The Neoclassical Movement* (3-3) Smith
Poetry and prose from 1660 through the mid-eighteenth century. Prerequisite: English 51-52, 71-72, or 91-92. Morning. (Also offered 1947 summer term—English 142 (3).)
- 151-52 *The Romantic Movement* (3-3) Smith
From the mid-eighteenth century through Shelley and Keats. Prerequisite: English 51-52, 71-72, or 91-92. Morning. (Also offered 1947 summer term—English 152 (3).)
- 161-62 *Victorian Literature* (3-3) Shepard
Poetry and prose from 1830 to 1900. Prerequisite: English 51-52, 71-72, or 91-92. Morning. (Also offered 1947 summer term—English 162 (3).)
- 165-66 *Contemporary British Literature* (3-3) Linton
Poetry, prose, and drama since 1900. Prerequisite: English 51-52, 71-72, or 91-92. Afternoon.
- 171-72 *Studies in American Literature* (3-3) Cole
Major factors in the national cultural traditions as shown by outstanding writers. Prerequisite: English 51-52 or 71-72. Morning.
- 175 *The American Drama* (3) Cole
Reading and analysis of significant plays, from the beginnings to the present day. Evening. (Also offered 1947 summer term.)
- 176 *The American Novel* (3) Cole
Chronological development of fiction from the beginnings through the 1920's. Evening. (Also offered 1947 summer term.)
- 177-78 *Recent American Literature* (3-3) Bolwell
Modern trends and significant writers of the 1930's and 1940's. First half: poetry and criticism. Second half: fiction and drama (including motion pictures). Evening. (Also offered 1947 summer term—English 178 (3).)

- 179-80 *Proseminar: Readings for American Civilization Major (3-3)* Bolwell
Conferences and group discussions. Evening.
- 181 *The English Novel (3)* Smith
Major English novelists from Richardson to the Brontës. Afternoon.
- 182 *The English Novel (3)* Shepard
Major English novelists from Dickens to Woolf. Afternoon.
- 183-84 *The English Drama (3-3)* Tupper
The first half is concerned principally with the drama of Shakespeare's contemporaries. The second half is a historical survey from 1660 to the present day. Morning (Also offered 1947 summer term—English 184 (3).)
- 199-200 *Proseminar: Reading for the English Literature Major (3-3)* Stone, Tupper
Conferences and group discussions. Afternoon and evening sections.

THIRD GROUP

- 201-2 *Methods and Materials in Elizabethan Research (3-3)*
Open only to the graduate student. Admission by permission of the instructor (Not offered in 1947-48.) Stone
- 222X *The Age of Chaucer (3)* Stone
Evening. (Also offered 1947 summer term.)
- 223-24 *Old English (3-3)* Tupper
English language and literature before 1100. (Not offered in 1947-48.)
- 235-36 *Studies in Shakespeare and His Contemporaries (3-3)* Smith
Prerequisite: English 135-36. (Not offered in 1947-48.)
- 241-42 *Studies in Neoclassical Literature (3-3)* Stone
Prerequisite: English 141-42. (Not offered in 1947-48.)
- 244 *Studies in Eighteenth Century Drama (3)* Smith
Prerequisite: English 183-84. Evening.
- 251-52 *Studies in the Romantic Movement (3-3)* Shepard
Prerequisite: English 151-52. (Not offered in 1947-48.)
- 261-62 *Studies in Victorian Literature (3-3)* Bolwell
Prerequisite: English 161-62. (Not offered in 1947-48.)
- 271-72 *Seminar: American Literature (3-3)*
Prerequisite: English 171-72 or the equivalent. Evening.

295-96 *History of English Literary Criticism (3-3)* Smith
Open to the undergraduate with the approval of the instructor.
Evening.

299-300 *Thesis (3-3)* The Staff

RELATED COURSES IN OTHER DEPARTMENTS

Education 136, *Teaching of English*

German 207-8, *Old English*

German 221, *Introduction to Linguistics*

GEOGRAPHY

Robert Dale Campbell, A.M., *Associate Professor of Geography, Executive Officer*

Lester Wendell Trueblood, A.M., *Professorial Lecturer in Geography*

The major.—Prerequisite: Geography 1-2. Required: twenty-four credit hours in Geography and fifteen credit hours in one of the following departments: Botany, Economics, Geology, History, Political Science, or Statistics. Strongly recommended: Economics 101, Statistics 115-16.

FIRST GROUP

†1-2 *Elements of Geography* (3-3)

Physical elements, the human habitat, natural and cultural regions, pattern of occupation of earth, and utilization of its resources. Morning and evening sections. (Also offered 1947 summer term.)

Geography 1x—same as Geography 1, but offered winter term. Morning and evening sections.

SECOND GROUP

101 *Anglo-America** (3)

United States, Canada, Alaska, and Greenland. 1948-49 and alternate years. Summer term 1947.

102 *Latin America** (3)

1948-49 and alternate years, morning.

105 *Northwest Europe** (3)

1948-49 and alternate years, evening.

106 *Mediterranean Area** (3)

1948-49 and alternate years, evening.

107 *Eastern and Southern Asia** (3)

1947-48 and alternate years, evening.

108 *Southwestern Asia and Soviet Union** (3)

1947-48 and alternate years, evening.

111-12 *Economic Geography* (3-3)

Description and interpretation of the economic utilization of earth regions. Location of natural resources, staple crops, and industry; the trade relations resulting therefrom. Morning.

115 *Conservation of Natural Resources* (3)

Principles and problems of conservation of soil, forest, minerals, wild life, and water. Time to be arranged. (Also offered 1947 summer term.)

* Physical, political, economic, and regional survey.

121-22 *Political Geography* (3-3)

Spatial structure and growth of states; the interplay between geographic factors and political institutions in the formation of foreign policies. Morning. (Also offered 1947 summer term—Geography 121 (3).)

142 *Regional Climatology* (3)

Campbell

Survey of climatic regions of the world and controlling factors of world weather. Afternoon.

145 *Physiography* (3)

Campbell

An interpretive study of relief features with special reference to the United States. Afternoon.

THIRD GROUP

201-2 *Seminar in Geography* (3-3)

Campbell

Content varied from term to term. History and philosophy of geography or detailed treatment of some branch of geography. Time to be arranged.

213-14 *Seminar in Regional Planning* (3-3)

The Staff

A seminar coordinated by a member of staff, which will be a synthesis of contributions made by available government specialists. Time to be arranged.

241-42 *Research* (arr.)

The Staff

Special problems in geomorphology, climatology, cartography, field geography, land utilization, economic geography, historical geography. Time and credits to be arranged.

275 *Seminar: Geographic Factors in Foreign Policy* (3)

A study of resources, people and geo-political problems of selected nations or empires. Time to be arranged.

299-300 *Thesis* (3-3)

The Staff

GEOLOGY

_____, *Associate Professor of Geology*

_____, *Instructor in Geology*

Minimum requirements for the major.—Twenty-four credit hours of geology beyond the first-group courses.

FIRST GROUP

5 *Field Geology* (6)

Field trips to neighboring localities of geological interest, with classroom study. (Not offered in 1947-48.)

21-22 *Physical and Historical Geology* (3-3)

Survey course covering the principles of physiography, geology, and mineralogy. (Not offered in 1947-48.)

SECOND GROUP

121-22 *Paleontology* (3-3)

Lectures and laboratory work on classification and structure of fossil invertebrates, vertebrates, and plants, including their use as guide fossils in stratigraphic geology. (Not offered in 1947-48.)

123-24 *Regional Geology of North and South America* (3-3)

Lectures and map work on the physiographic regions of the Western Hemisphere, stressing the relationship between geology and geography and culture. (Not offered in 1947-48.)

125-26 *Regional Geology of the Eastern Hemisphere* (3-3)

Alternating with Geology 123-24 and with it completing a survey of the world. (Not offered in 1947-48.)

THIRD GROUP

215-16 *Seminar* (3-3)

Detailed study and presentation by the class and instructor of some phase of geology with review to current literature. (Not offered in 1947-48.)

227-28 *Research*

Original work on individual problems, including a digest of the published record. (Not offered in 1947-48.)

299-300 *Thesis* (3-3)

(Not offered in 1947-48.)

GERMANIC LANGUAGES AND LITERATURES

Edward Henry Sehrt, Ph.D., *Professor of German, Executive Officer*

Gretchen Louisa Rogers, Ph.D., *Associate Professor of German*

Wolfram Karl Legner, Ph.D., *Associate Professor of German*

Minimum requirements for the major.—Twenty-four credit hours of German beyond first-group courses.

FIRST GROUP

- †1-2 *First-year German* (3-3) Rogers, Legner, and Staff
The essentials of German grammar; translation of easy prose. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
German 1x—same as German 1, but offered winter term. Morning.
German 2x—same as German 2, but offered fall term. Morning.

- †5-6 *Second-year German* (3-3) Rogers, Legner, and Staff
Selections from modern German prose; review of grammar. Prerequisite: German 1-2 or two years of high school German. Morning and evening sections. (Also offered 1947 summer term.)
German 5x—same as German 5, but offered winter term. Morning.
German 6x—same as German 6, but offered fall term. Morning.

SECOND GROUP

- †101-2 *Rapid Readings in Modern German Prose* (3-3) Sehrt and Staff
Morning and evening sections.
- †103-4 *Goethe's "Faust"* (3-3) Sehrt
(Not offered in 1947-48.)
- †105-6 *German Classicism* (3-3) Sehrt
Particularly the works of Goethe and Schiller. Morning.
- †107-8 *Advanced Prose Composition* (1-1) Rogers
Morning and evening sections.
- 109-10 *German Drama since 1800* (3-3) Sehrt
Dramas of Kleist, Grillparzer, Hebbel, and Hauptmann. Time to be arranged.
- †111-12 *The German Romantic Movement* (3-3) Sehrt
(Not offered in 1947-48.)
- †113-14 *Scientific German* (1-1) Legner
Prerequisite: German 5-6 or the equivalent. Time to be arranged.
- †119-20 *Survey of German Literature* (3-3) Sehrt and Staff
Evening.

- †121-22 *Conversation and Composition* (3-3) Rogers
 Prerequisite: German 5-6 or the equivalent. Morning and evening
 sections.

THIRD GROUP

- †201-2 *Middle High German* (3-3) Sehr
 Evening.
- †205-6 *Gothic* (3-3) Sehr
 Introduction to the comparative study of the Germanic languages.
 (Not offered in 1947-48.)
- 207-8 *Old English* (3-3) Sehr
 Morning.
- †209-10 *Old High German* (3-3) Sehr
 (Not offered in 1947-48.)
- 213-14 *Old Norse* (3-3) Sehr
 Evening.
- 215 *The German "Novelle"* (3) Rogers
 Time to be arranged.
- 218 *The German Lyric from Opitz to Rilke* (3) Legner
 Time to be arranged.
- 221 *Introduction to Linguistics* Sehr
 Linguistics and comparative philology. Admission by permission of
 the instructor. (Not offered in 1947-48.)
- 222 *Indo-European Languages* Sehr
 Application of the laws of sound change in language; origin and de-
 velopment of suffixes and inflections; syntax. Time and credits to be
 arranged.
- †223-24 *Sanskrit* (3-3) Sehr
 Introduction to comparative Indo-European grammar. Evening.
- 299-300 *Thesis* (3-3) The Staff

HEALTH ADMINISTRATION

Daniel LeRay Borden, A.M., M.D., *University Surgeon, Director*
Luther Sheldon M.D., *Associate University Physician*
Elizabeth Kahler, A.M., M.D., *Associate University Physician*
Robert Howe Harmon, A.B., M.D., *Associate University Physician*
Ronald Atmore Cox, A.B., M.D., *Associate University Physician (Eye)*
Jeter Carroll Bradley, M.D., *Associate University Physician (Nose and Throat)*
Richard Bernard Castell, A.B., M.D., *Associate University Physician*
Alfred Brigulio, M.D., *Associate University Physician*

The University maintains health services hereinafter described. Through student reports and those of University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of every student entering from secondary school; (2) three visits by the University physician or a specialist, office or residence (District of Columbia) in any one illness, exclusive of surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, routine medicine, and nursing in the University Hospital for not more than two weeks during a school year—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the physical education departments.

* A charge of \$2 is made by the University if a student fails to appear for a physical examination during the period set for this purpose.

HISTORY

Elmer Louis Kayser, Ph.D., *Professor of European History*
 *Lowell Ragatz, Ph.D., *Professor of European History*
 ‡Alva Curtis Wilgus, Ph.D., *Professor of Latin American History*
 Wood Gray, Ph.D., *Professor of American History, Executive Officer*
 Howard Maxwell Merriman, Ph.D., *Professor of American Diplomatic*

History

Myron Law Koenig, Ph.D., *Associate Professor of American History*
 Roderic Hollett Davison, Ph.D., *Assistant Professor of European History*

The major.—Prerequisite: History 39-40 and 71-72. The major indicates a knowledge of four fields of history selected from the following list, attested by major examinations: (1) the literature and method of history (required); (2) backgrounds of the modern world, to 1789; (3) modern and contemporary Europe; (4) diplomacy and overseas expansion; (5) the United States; (6) Latin America. A six-hour research seminar, exclusive of History 199-200, is a required part of each major's program to give training in fundamental techniques. For details of courses and readings offering preparation for the major examinations, see the pamphlet on this subject or consult the adviser.

FIRST GROUP

39-40 *The Development of European Civilization (3-3)*

Kayser, Davison

Primarily for freshmen. Fall term: the political, social, economic, and cultural history of the Old World from ancient times to 1500. Winter term: from 1500 to the present. Morning and evening sections. (Also offered 1947 summer term.)

71-72 *The Development of American Civilization (3-3)*

Koenig

Primarily for sophomores. Fall term: the political, social, economic, and cultural forces of the United States in their world setting from 1492 to 1865. Winter term: from 1865 to the present. Morning and evening sections. (Also offered 1947 summer term.)

SECOND GROUP §

119 *Intellectual History of Europe During the Middle Ages (3)*

Kayser

A historical survey of the culture of Western Europe from the fall of the Roman Empire to the end of the thirteenth century. Morning.

* On sabbatical leave 1947-48.

‡ On sabbatical leave fall term 1947-48.

§ For each course in the second group, the appropriate course in the first group is prerequisite.

- 120 *Intellectual Aspects of the Renaissance and the Reformation* (3) Kayser
Aspects of the development of the modern mind approached through a study of the lives and contributions of outstanding personalities of the period. Morning. (Also offered 1947 summer term.)
- 130 *Nationalism* (3) Kayser
The historical evolution of modern nationalism. (Not offered in 1947-48.)
- 140 *Modern Imperialism* (3) Ragatz
Africa, Asia, and the Pacific Basin in the nineteenth and twentieth centuries.
Summer term 1947.
- 141-42 *Modern Imperialism* (3-3) Ragatz
Fall term: Africa and Europe in the nineteenth and twentieth centuries. Winter term: Asia and the Pacific Basin in the nineteenth and twentieth centuries. (Not offered in 1947-48.)
- 143-44 *Europe in the Nineteenth and Twentieth Centuries* (3-3) Ragatz
Fall term: a comprehensive survey of Old World history from the Congress of Vienna to the end of the First World War. Winter term: international relations since the close of the First World War.
Summer term 1947—History 144 World Affairs (3).
- 145 *Russian History* (3)
Main currents in economic, social, and political developments and world relations from the emergence of the Russian nation to the present time. Evening.
- 146 *Balkan History* (3)
The emergence of national states and the effects of great power rivalries, with emphasis on the nineteenth and twentieth centuries. Evening.
- 147 *Economic History of Europe* (3) Ragatz
A survey from ancient times to the present day.
Summer term 1947.
- 148 *Early European Colonial Empires* (3) Ragatz
Old World expansion in America, Africa, and Asia from 1450 to 1825. (Not offered in 1947-48.)
- 149-50 *European Diplomatic History* (3-1) Davison
Background of the European states system and of diplomatic practices and relations since the Congress of Vienna, with emphasis on the policies and actions of the great powers and their statesmen. Fall term: to 1871; winter term: since 1871. Morning and evening sections.
- 151-52 *English History* (3-3)
A general survey course. Evening.

161-62 *Latin American History* (3-3)

Development of political, economic, social, and institutional affairs of the Ibero-American colonies (fall term) and the period since independence (winter term). Evening. (Also offered 1947 summer term—History 162 (3).)

History 161x—same as History 161, but offered winter term. Morning.

163-64 *Current Latin American Problems* (3-3)

Summer term 1947—History 164 (3).

171-72 *Social History of the United States* (3-3)

Daily life, institutions, intellectual and artistic achievements. Fall term: the Agrarian Era, 1607-1861. Winter term: the Urban-Industrial Era, 1861 to the present time. Morning and evening sessions. (Also offered 1947 summer term—History 171 (3).)

174 *Economic History of the United States* (3)

Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War. Morning. (Also offered 1947 summer term.)

175 *Representative Americans* (3)

A biographical approach to national history. Some fifty significant and pivotal personalities in the development of the United States in government, business, science, religion, journalism, the arts, and social reform. Morning. (Also offered 1947 summer term.)

181-82 *Diplomatic History of the United States* (3-3)

Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents. Fall term: to the Civil War; winter term: since the Civil War. Morning and evening sessions. (Also offered 1947 summer term.)

183 *Overseas Expansion of the United States* (3)

The political, economic, social, and cultural life of our outlying possessions. Morning.

185 *Canada and the United States* (3)

The historical background and main trends in the relationship of the two English-speaking peoples of North America. (Not offered in 1947-48.)

191-92 *Current History* (1-1)

Contemporary events in their world setting. (Not offered in 1947-48.)

199-200 *Proseminar: The Literature and Method of History* (3-3)

Limited to majors in history. Fall term: history and historians. Winter term: supervised reading in preparation for the major examinations. Time to be arranged.

Wilgus

Wilgus

Gray

Gray

Gray

Merriman

Merriman

Merriman

Kaysen

The Staff

THIRD GROUP *

- 245-46 *Reading Course in Modern European History* Davison
(3-3)
Time to be arranged.
- 249-50 *Seminar in European Diplomatic History* Davison
(3-3)
Afternoon.
- 261x-62 *Seminar in Latin American History* Wilgus
(3-3)
Afternoon.
- 266 *Reading Course in Latin American History* Wilgus
(3) Primarily for graduate students. Time to be arranged.
- 271-72 *Seminar in the Social History of the United States* Gray
(3-3)
Evening.
- 281-82 *Seminar in the Diplomatic History of the United States* Merriman
(3-3)
Afternoon. (Also offered 1947 summer term.)
- 285-86 *Reading Course in the Diplomatic History of the United States* Merriman
(3-3)
Primarily for graduate students. Time to be arranged.
- 288 *Conference Seminar in Recent American Foreign Policy* Merriman
(3)
Morning.
- 291-92 *Seminar* The Staff
(3-3)
Prerequisite: approval of the Department. Time to be arranged.
- 299-300 *Thesis* The Staff
(3-3)
Required of all candidates for the Master's degree specializing in history.

* Approval of the instructor is required for registration in each third-group course

HOME ECONOMICS

Frances Kirkpatrick, A.M., *Professor of Home Economics, Executive Officer*

Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

Margaret Olive Osborn, M.S., *Assistant Professor of Home Economics*

Minimum Requirements for the degree.—See pages 125, 126-27.

FIRST GROUP

- 1 *Food Selection and Preparation* (3) The Staff
Composition, selection, and preparation of food; analysis of recipes; standard products; planning, preparing, serving, and estimating the cost of meals. Material fee, \$12.50. Morning and evening sections.
- 22 *Clothing: Its Selection, Cost, and Care* (3) Towne
Clothing selection—the economic, aesthetic, and hygienic aspects; the application of the principles of color and design to individual selection; the care of clothing. Morning.
Home Economics 22x—same as Home Economics 22, but offered fall term. Evening.
- 51 *Family Meals* (3) Osborn
The choice, purchase, preparation, and service of foods; dietary standards, food habits, and the nutritional needs of the family; problems of purchasing, care, and use of food by the consumer. Material fee, \$7.50. Lecture (2 hours), laboratory (3 hours)—morning.
Home Economics 51x—same as Home Economics 51, but offered winter term. Evening.
- 53x *Family Health and Household Sanitation* (3) Kirkpatrick
Home hygiene and home care of the sick; the principles of household sanitation in relation to health and diseases. Material fee, \$4. Afternoon.
- 55 *Nutrition and Its Relation to Health* (3) Kirkpatrick
Open to men and women. A course in nutrition for students not majoring in Home Economics. (Not offered in 1947-48.)
- 62 *Clothing Construction* (3) Towne
Techniques of construction suitable for cotton, wool, and rayon fabrics; the use of commercial patterns and their alteration; the proper selection of color, design, and fabric. Material fee, \$4. Morning and afternoon sections.
- 71 *Costume Design and Fashion Economics* (3) Towne
Factors determining fashions and effect on cost of clothing; problems of the consumer of textiles and clothing; historic costume and its relation to modern dress. Material fee, \$3. Afternoon.

72 *Household Textiles* (3)

Towne

Properties, uses, and tests of the different textile fibers and fabrics, and development of judgment and knowledge of standard for the consumer of clothing and house-furnishing material. Material fee, \$3. Afternoon.

77 *Marketing* (3)

Osborn

Purchasing of foods as it relates to the home and to the institution. (Not offered in 1947-48.)

SECOND GROUP

102 *Advanced Food Preparation* (3)

Kirkpatrick

The application of the fundamental processes of food preparation to a wider range of food materials and various services for different occasions. Material fee, \$12.50. Morning.

106 *Quantity Cookery* (3)
(Not offered in 1947-48.)

The Staff

123 *Household Finance and Problems of the Consumer* (3)

Towne

Economic problems of the family in modern industrial society; family income; income apportionment and household expenditures; laws affecting the home; investments; consumer buying. Evening.

143x *Advanced Clothing Construction* (3)

Towne

Problems of clothing construction, including renovation, flat pattern designing. Material fee, \$4. (Not offered in 1947-48.)

148x *Food Problems* (3)

Kirkpatrick

Factors affecting the preparation of standard products from the experimental viewpoint; principles of food demonstrations. Material fee, \$12.50. Evening.

152x *Nutrition* (2 or 3)

Kirkpatrick, Osborn

Lecture course (2) on the principles of normal and abnormal human nutrition. Laboratory work (1) on the calculation and preparation of diets. Laboratory fee, \$3. Lecture (2 hours)—afternoon; laboratory (4 hours)—morning.

154 *Diet Therapy* (3)

Osborn

Study of nutrition as applied to diet and disease. Morning.

164 *Child Nutrition* (3)

Kirkpatrick

Basic principles in nutrition and growth of the infant, pre-school, and adolescent child in health and disease. Morning.

168 *Institutional Management* (2)

Osborn

Study of the organization, equipment, and marketing problems of institutions. Afternoon.

- 171 *House Furnishing* (3) Towne
Home planning from the historic, artistic, economic, and sanitary viewpoints; home furnishings such as linens, dishes, floor coverings, mattresses, etc. Material fee, \$3. Morning.
- 181x *The Child in the Home* (3) Kirkpatrick
Care and development of children; parent-child relationships. (Not offered in 1947-48.)
- 192x *The Home, Its Management and Equipment* (3) Kirkpatrick
Economical management of the home; distribution of time and energy; problems in the selection, arrangement, and care of equipment. Afternoon.
- 193 *Supervision of Home Management* (3) The Staff
Field work under supervision. Designed to meet requirements of those preparing to teach in federally-aided schools. Time to be arranged.
- 195-96 *Special Problems* (3-3) The Staff
Individual investigation or study under the guidance of a member of the staff. Suggested problems are: home economics education, marketing, tailoring, and draping. Program and conferences arranged with an instructor.
- 197-98 *Proseminar* (3-3) The Staff
The study of the most recent materials and problems in the various phases of home economics. Evening.

JOURNALISM

Philip Hampton Love, *Lecturer in Journalism*
 John Marshall Mathias, A.B., LL.B., *Lecturer in Journalism*
 Edwin De Frees Neff, M.S., *Lecturer in Journalism*
 Earl Simeon Dowell, B.S., *Associate in Journalism*

FIRST GROUP

- 1-2 *Journalism Survey* (3-3) Dowell
 History of journalism; survey of character and content of leading newspapers to develop intelligent reading necessary for future work in journalism. Written reports. Prerequisite: English 1-2 or the equivalent. Morning and evening sections.

SECOND GROUP

- 111-12 *Reporting* (3-3) Love, Mathias, Neff
 Techniques of newspaper reporting and copy reading; instruction and practice in modern methods of gathering and presenting news. Prerequisite: English 1-2 and permission of the instructor. Laboratory fee, \$3 a term. Morning and evening sections. (Also offered 1947 summer term—Journalism 111 (3).)
- 113-14 *Reporting of National and International Affairs* (3-3)
 Training in the coverage and presentation of national and international news; special consideration of the qualifications necessary for Washington correspondence and press-association reporting. Prerequisite: Journalism 111-12 or the equivalent. Laboratory fee, \$3 a term. (Not offered in 1947-48.)
- 121-22 *Feature Writing* (3-3)
 Instruction and practice in the writing of special feature articles, material for which is obtained through independent investigation. Prerequisite: Journalism 1-2 or the equivalent. (Not offered in 1947-48.)
- 141-42 *Advertising* (3-3)
 The objectives and methods of advertising from its beginning to the present; training in the writing and selling of advertising as practiced in newspaper, magazine, radio, and other fields. (Not offered in 1947-48.)
- 151-52 *Editorial Writing* (3-3)
 Current events from the standpoint of editorial interpretation; editorial research methods; instruction and practice in the writing of editorials, and columns on public affairs. Prerequisite: Journalism 111-12 or the equivalent. (Not offered in 1947-48.)

LAW

- William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law*
Executive Officer
 Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*
 Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor Emeritus*
of Law in Residence
 William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*
 Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*
 *Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*
 James Forrester Davison, A.B., LL.M., S.J.D., *Professor of Law*
 James Oliver Murdock, Ph.B., LL.B., *Professor of Law*
 Loyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law*
 Conway Peyton Coe, A.B., LL.B., *Adjunct Professor of Law*
 Levi Russell Alden, A.M., LL.B., *Adjunct Professor of Law*
 George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*
 James Ward Morris, A.B., *Adjunct Professor of Law*
 James Robert Kirkland, A.B., LL.M., *Adjunct Professor of Law*
 John Albert McIntire, A.B., LL.B., *Professorial Lecturer in Law*
 William Randall Compton, M.B.A., LL.B., J.S.D., *Professorial Lecturer*
in Law
 Clarence Altha Miller, LL.M., *Professorial Lecturer in Law*
 Justin Lincoln Edgerton, A.B., LL.B., *Professorial Lecturer in Law*
Clerk of the Moot Court
 Harryman Dorsey, A.B., LL.B., *Associate Professor of Law*
 Laurens Hamilton Rhinelander, A.B., LL.B., *Associate Professor of Law*
 Leroy Sorenson Merrifield, A.B., LL.B., M.P.A., *Assistant Professor of*
Law
 William Leigh Ellis, A.B., LL.M., *Lecturer in Law*

101 Agency (4)

Problems of agency in the conduct of business. Morning. (Also
 offered 1947 summer term.)

105 Civil Procedure (4)

Function and composition of pleadings, including their relation to
 proof. Emphasis is upon reforms, as exemplified by modern code
 provisions and the Federal Rules of Civil Procedure. Clark, Cases on
 Pleading and Procedure, 2d ed. Morning and evening sections. (Also
 offered 1947 summer term.)

111 Contracts (4)

Promissory obligation: offer and acceptance, consideration, statute of
 frauds, formal instruments, rights of third parties, assignments, and
 joint obligation, conditions, performance, discharge. Williston. Cases
 on Contracts, 4th ed. Morning and evening sections.

* On sabbatical leave fall term 1947-48.

- 123-24 **Criminal Law and Procedure (2-2)** Murdock
Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Harbo, Cases and Materials. Morning and evening sections. (Also offered 1947 summer term.)
- 129 **Judicial Process (4)** Benson, Dorsey, Merrifield
Introduction to the study of law; development of English courts, procedure, legal profession, and law books; organization of American courts and legal profession; use of law books; study of trial procedure. Benson and Fryer, Readings on the Study of Law and the Anglo-American Legal System. Morning and evening sections.
- 133 **Property I (4)** Fryer, Dorsey
Concepts of property, possession and ownership; legal relations with respect to chattels and documentary intangibles created by gift, sale, pledge, lien, bailment, etc. Fraser, Cases on Property, Vol. II, 2d ed.; Fryer, Readings on Personal Property, 3d ed. Morning and evening sections.
- 137 **Property II (4)** Spaulding, Benson
Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger; elementary study of remoteness and powers; adverse possession; prescription; natural rights. Fraser, Cases on Property, Vol. I and II, 2d ed. Morning. (Also offered 1947 summer term.)
Law 137x—same as Law 137, but offered winter term. Evening.
- 142 **Torts (4)** Van Vleck, Merrifield
Civil liability for harms to legally protected interests. Thurston and Seavey, Cases on Torts. Morning and evening sections. (Also offered 1947 summer term.)
- 201-2 **Damages (1-1)**
Measure of damages in tort and contract; compensatory and exemplary damages; relation of damages to the policy of the substantive law.
Summer term 1947.
- 213 **Constitutional Law I (4)** Collier
Historical introduction; judicial approach and methods; doctrine of the separation of powers; powers of the National Government; the federal system; relation of the state courts and the federal courts. Dodd, Cases on Constitutional Law, 3d ed. Morning and evening sections.
- 231 **Equity (4)** Spaulding
Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees, interpleader, bills of peace, cloud on title, rescission and reformation, mistake. Chaffee and Simpson, Cases on Equity. Morning and evening sections. (Also offered 1947 summer term.)
- 241 **Property III (2)**
Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Kirkwood, Cases on Conveyances. Morning and evening sections. (Also offered 1947 summer term.)

- 242 *Evidence* (4) Fryer
Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity and contents of writings. Morgan and Maguire, *Cases on Evidence*, 2d ed. Morning and evening sections. (Also offered 1947 summer term.)
- 246 *Negotiable Instruments* (4) Oppenheim
Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Britton, *Cases on Negotiable Instruments*. Morning and evening sections.
- 251 *Quasi Contracts* (2)
Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Thurston, *Cases on Restitution*.
Summer term 1947.
- 254 *Wills* (2) Benson
Formation and revocation of wills, testate and intestate succession. Morning and evening sections. (Also offered 1947 summer term.)
- 262 *Security Transactions* (4)
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. Sturges, *Cases on Security Transactions*, 3d ed.
Summer term 1947.
- 304 *Administrative Law I* (4) Davison
Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Frankfurter and Davison, *Cases on Administrative Law*. Morning and evening sections.
- 311-12 *Business Associations I* (2-2) Davison, Compton
Forms of business associations; legal requirements as to contributions of capital; powers and rights of corporations, corporate officers, and shareholders. Frey, *Cases on Business Associations*. Morning and evening sections. (Also offered 1947 summer term.)
- 315 *Conflict of Laws* (4) Van Vleck
Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold, *Cases on Conflict of Laws*, 2d ed. Morning and evening sections.
- 321-22 *Current Decisions* (2-2) Davison
Required of, and limited to, members of the student staff of the Law Review.
- 326 *Federal Jurisdiction* (2) Davison
Constitutional origins and powers of federal courts; sources of law applicable to them; business and extent of jurisdiction of federal courts. Evening.

- 327 *Insurance* (2)
(Not offered in 1947-48.)

- 332 *Labor Law* (2)
Legality of collective labor action, of ends sought and means used; strike, picketing, boycott, trade agreements; labor injunctions; scope of federal jurisdiction. Landis and Manoff, Cases on Labor Law. Evening.

- 333-34 *Legislation* (2-2) Ellis
Judicial problems arising out of legislative organization and procedure; structure and interpretation of statutes, rules of construction, and drafting. Horack, Cases and Materials on Legislation, 1940 ed. Evening.

- 335-36 *Moot Court* (2-2) Craighill, Morris, Kirkland, Edgerton
Open only to students who have completed fifty credit hours. Prerequisite: Law 105 and 242. Evening.

- 345-46 *Patent Law* (2-2) Sutton
Substantive patent law; patentability; revision, use, and enforcement of patents; Patent Office practice; Rules of Practice; appeal and interference procedure. Evening.

- 349-50 *Patent Moot Court* (2-2) Coe
This course may be elected instead of Law 335-36 to satisfy the Moot Court requirement. Both subjects may not be counted toward a degree. Evening.

- 352 *Public Utilities* (4) Davison
Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. Welch, Public Utilities, 1946, 3d writing. Evening. (Also offered 1947 summer term.)

- 353 *Domestic Relations* (3)
Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants; conflict of laws involving problems of marriage evasion and migratory divorce. Madden and Compton, Cases on Domestic Relations. Summer term 1947.

- 356 *Sales* (2) Oppenheim
Intention to transfer of property interest (specific, unascertained and future goods); specification and appropriation; cash and conditional sales; C.O.D., F.O.B., and C.I.F. shipments; negotiable bills of lading and warehouse receipts; trust receipts; fraud on seller, retention of possession and bulk sales; remedies of seller and buyer, including suit for price, stoppage in transit, seller's warranties; inspection.

- 372 *Taxation* (4) Collier
Emphasis on the federal estate tax and the federal income tax. Attention given state inheritance and income taxes. Problem of juris-

diction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, *Cases on Taxation*, 1941 ed. Morning and evening sections.

377 *Trade Regulation I (4)*

Oppenheim

Unfair trade practices, combination and monopoly at common law and under various statutes; trade-marks; business torts; Sherman Anti-trust Act; Federal Trade Commission and Clayton Acts; marketing, price and patent practices; Fair Trade Acts; mergers; trade associations; remedies. Oppenheim, *Cases on Trade Regulation*. Morning and evening sections.

381-82 *Trusts (2-2)*

Dorsey

Nature, creation, elements, administration, termination, modification of trusts; charitable, resulting, construction trusts; liabilities of and to third persons; transfer of beneficiary's interest. Scott, *Cases on Trusts*, 3d ed. Morning and evening sections.

404 *Administrative Law II (4)*

Davison

Research seminar course in special problems, including the study of specific administrative agencies, federal or state. (Not offered in 1947-48.)

405 *Admiralty (2)*

Alden

Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sayre, *Cases on the Law of Admiralty*. Evening.

411 *Business Associations II (4)*

Seminar; study of the historical background and functioning of the statutes involved in the work of the Securities and Exchange Commission. (Not offered in 1947-48.)

415-16 *Comparative Law (2)*

Murdoch

Historical and comparative study of some of the institutions and principles of the civil law (law of South and Central America and most of the Continent of Europe) compared with those of the common law; the influence of the former upon the latter. Evening.

421 *Constitutional Law II (4)*

Research seminar in contemporary problems in constitutional law; special emphasis on interstate-commerce cases and due process of law. (Not offered in 1947-48.)

426-27 *Municipal and Government Corporations (2-2)*

McIntire

Municipal corporations: organization, powers, functions, and legal relations of local governmental units. Federal corporate agencies, organization, powers, functions, and legal relations of functional governmental units separately incorporated. Tooke and McIntire, *Cases on Municipal Corporations*. Evening.

431-32 *International Law* (2-2)

Murdock

Customary and treaty rights and duties of states; diplomatic and consular agents; treaty interpretation; nationality laws; international courts; claims procedure; war; neutrality. Hudson, *Cases on International Law*, 2d ed. Morning and evening sections.

434 *Interstate Commerce Commission Law and Procedure* (2)

Miller

Interstate Commerce Act; the Interstate Commerce Commission; practice and procedure before the Commission. Evening.

435-36 *Jurisprudence* (2-2)

Collier

History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law, sources and forms of law; the traditional element; analysis of general legal conceptions. Hall, *Readings in Jurisprudence*. Evening.

452 *Trade Regulation II* (4)

Oppenheim

A research seminar in specific problems of trade regulation. Evening.

MATHEMATICS

James Henry Taylor, Ph.D., *Professor of Mathematics, Executive Officer*
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*
 Florence Marie Mears, Ph.D., *Professor of Mathematics*
 Nels David Nelson, Ph.D., *Assistant Professor of Mathematics*
 Earl Larkin Williams, A.M., *Lecturer in Mathematics*
 Joachim Weyl, Ph.D., *Lecturer in Mathematics*

Minimum requirements for the major.—Fifteen credit hours of mathematics beyond calculus, i.e., of approved second- and third-group courses other than Mathematics 111-12.

FIRST GROUP *

3 *College Algebra* (3)

The Staff
 Exponents and logarithms; linear equations; complex numbers; quadratic equations; introduction to theory of equations; mathematical induction and the binomial theorem; permutations, combinations and probability; determinants; progressions. Prerequisite: one year each of high school algebra and high school geometry. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

Mathematics 3x—same as Mathematics 3, but offered winter term. Morning and evening sections.

6 *Plane Trigonometry* (3)

The Staff
 Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3 (or concurrent registration therefor). Morning and evening sections. (Also offered 1947 summer term.)

Mathematics 6x—same as Mathematics 6, but offered fall term. Morning, afternoon, and evening sections.

12 *Analytic Geometry* (3)

The Staff
 Prerequisite: Mathematics 3 and 6, or two years of high school algebra, one year of high school geometry, and one-half year of high school trigonometry. Morning and evening sections. (Also offered 1947 summer term.)

Mathematics 12x—same as Mathematics 12, but offered fall term. Morning, afternoon, and evening sections.

19 *Differential Calculus* (3)

The Staff
 Prerequisite: Mathematics 12. Morning and evening sections. (Also offered 1947 summer term.)

Mathematics 19x—same as Mathematics 19, but offered winter term. Morning and evening sections.

* No first-group course in mathematics is available for college credit if the student's previous training in mathematics meets the prerequisite for a higher numbered course.

20 *Integral Calculus** (3)

The Staff

Prerequisite: Mathematics 19. Morning and evening sections. (Also offered 1947 summer term.)

Mathematics 20x—same as Mathematics 20, but offered fall term. Morning and evening sections.

SECOND GROUP *

102x *Fundamental Concepts of Mathematics* (3)

Nelson

Evening.

111-12 *Mathematics for Engineers and Scientists* (3-3)

The Staff

Topics from theory of equations, advanced calculus, differential equations, vector analysis, complex variables, and probability. Morning and evening sections.

123 *Theory of Equations* (3)

Mears

Morning.

125 *Advanced Algebra* (3)

Summer term 1947.

126 *Advanced Analytic Geometry* (3)

(Not offered in 1947-48.)

132 *Differential Equations* (3)

The Staff

Morning and evening sections. (Also offered 1947 summer term.)

Mathematics 132x—same as Mathematics 132, but offered fall term. Morning and evening sections.

134 *Introduction to Boundary Value Problems* (3)

Prerequisite: Mathematics 132. Evening.

†135-36 *Projective Geometry* (2-2)

(Not offered in 1947-48.)

139 *Advanced Calculus* (3)

Mears

Evening. (Also offered 1947 summer term.)

140 *Introduction to Analysis* (3)

Mears

Prerequisite: Mathematics 139. Evening.

141 *Introduction to Infinite Series* (3)

(Not offered in 1947-48.)

167 *Fourier Series and Spherical Harmonics* (3)

Prerequisite: Mathematics 132. (Not offered in 1947-48.)

* Mathematics 20 is prerequisite to all second-group courses

171 *Vector Analysis* (3)

Evening.

Mathematics 171x—same as Mathematics 171, but offered winter term. Morning.

Taylor

THIRD GROUP

202 *Mathematical Logic* (3)

Evening.

Nelson

220x *Theory of Numbers* (3)

Evening.

Nelson

†237-38 *Theory of Functions* (3-3)

Evening.

Johnston

242 *Infinite Series* (3)

(Not offered in 1947-48.)

Taylor

249 *Ordinary Differential Equations* (3)

Evening.

250 *Integral Equations* (3)

(Not offered in 1947-48.)

255 *Differential Geometry* (3)

(Not offered in 1947-48.)

257 *Theory of Groups* (3)

(Not offered in 1947-48.)

†265-66 *Modern Algebra* (3-3)

(Not offered in 1947-48.)

Taylor

268 *Calculus of Variations* (3)

Evening.

270 *Tensor Analysis* (3)

(Not offered in 1947-48.)

271 *Riemannian Geometry* (3)

(Not offered in 1947-48.)

277 *Partial Differential Equations* (3)

(Not offered in 1947-48.)

The Staff

297-98 *Reading and Research* (3-3)

Time to be arranged.

The Staff

299-300 *Thesis* (3-3)

MECHANICAL ENGINEERING

- Arthur Frederick Johnson, M.E., Ph.D., *Professor of Mechanical Engineering*
 Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering, Executive Officer*
 Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor of Engineering Administration*
 Robert Gay Trumbull, B.S. in C.E., *Associate Professor of Mechanical Engineering*
 Charles Edward Greeley, B.S., *Assistant Professor of Mechanical Engineering*
 Otakar Wenceslaus Kabelac, M.C.E., *Assistant Professor of Mechanical Engineering*
 Rudolph Michel, M.S., *Lecturer in Mechanical Engineering*
 John Brewster Willis, B.S. in M.E., *Lecturer in Mechanical Engineering*
 Edward Frederick Kelley, M.S., Ae.E., *Lecturer in Mechanical Engineering*
 Alan Osbourne, A.B., B.S. in N.Arch., *Lecturer in Mechanical Engineering*
 Frederick Henry Kohloss, B.S. in M.E., *Instructor in Mechanical Engineering*
 John Clifford Goff, B.M.E., *Associate in Mechanical Engineering*
 Edward French Davis, M.S., *Associate in Mechanical Engineering*
 Bert Martin Randall, B.S. in M.E., *Associate in Mechanical Engineering*
- Minimum requirements for the major.*—See pages 107-8, 111-12.

FIRST GROUP

- 1 *Engineering Survey and Orientation* (1) Cruickshanks and Staff
 Open to freshmen only. Afternoon and evening sections.
- 3 *Mechanical Drawing* (2) Trumbull and Staff
 Drafting-room fee, \$3. Drafting (6 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
- 4 *Descriptive Geometry* (2) Trumbull and Staff
 Drafting-room fee, \$3. Drafting (6 hours)—morning, afternoon, and evening sections.
- 5 *Introductory Naval Architecture* (3)
 Nomenclature, functions, and arrangement of hull structure, equipment, and machinery for merchant vessels. Lectures supplemented by visits to shipyards. (Not offered in 1947-48.)

- 7 *Machine Drawing* (2) Trumbull, Goff
Prerequisite: Mechanical Engineering 3 and 4. Drafting-room fee, \$3. Drafting (6 hours)—afternoon and evening sections. (Also offered 1947 summer term.)
- 8 *Mechanism Drawing* (2) Trumbull, Goff
Prerequisite: Mechanical Engineering 3, 4, and 13. Prerequisite or concurrent registration: Mechanical Engineering 14. Drafting-room fee, \$3. Drafting (6 hours)—afternoon and evening sections.
- 9-10 *Ship Drafting* (2-2)
Fairing of lines; displacement, stability curves, midship section, general arrangements and structural detail plans, machinery details. Prerequisite or concurrent registration: Mechanical Engineering 15. Drafting-room fee, \$3 a term. (Not offered in 1947-48.)
- 13-14 *Mechanism* (2-2) Trumbull, Kabelac
Prerequisite: Mathematics 19. Prerequisite or concurrent registration: Mathematics 20. Morning and evening sections. (Also offered 1947 summer term.)
- 15-16 *Elementary Ship Calculations* (2-2)
Form characteristics, detailed weights, displacement, transverse and longitudinal equilibrium, launching. Prerequisite: Mechanical Engineering 5. (Not offered in 1947-48.)
- SECOND GROUP
- 101-2 *Advanced Ship Calculations* (2-2)
Stabilizing, model basin practice, powering, steering, launching, hull strength, floodability, vibrations. Prerequisite: Mechanical Engineering 16. (Not offered in 1947-48.)
- 103-4 *Ship Design* (2-2)
Prerequisite: Mechanical Engineering 10, 16. Prerequisite or concurrent registration: Mechanical Engineering 117. Drafting-room fee, \$3 a term. (Not offered in 1947-48.)
- 111-12 *Thermodynamics* (3-3) Cruickshanks
With introductory study of laws of heat transmission. Prerequisite or concurrent registration: Mathematics 20. Morning and evening sections. (Also offered 1947 summer term.)
- 115-16 *Mechanical Laboratory* (2-2) Cruickshanks, Greeley
Calibration of instruments; calorimetry; testing of prime movers, auxiliaries, and combustion engines. Eight-hour boiler test required. Prerequisite: Mechanical Engineering 13-14 and 111-12. Laboratory fee, \$6 a term. Laboratory (6 hours)—afternoon and evening sections.
- 117-18 *Marine Engines and Auxiliaries* (2-2)
Details, arrangements and performance of steam uniflow, steam turbine, and Diesel propelling plants. Prerequisite or concurrent registration: Mechanical Engineering 5, 13-14, and 111-12. (Not offered in 1947-48.)

- 126 *Methods of Manufacture* (2) Greeley
Fixtures, gauging, tools, costs. Prerequisite: Mechanical Engineering 8 and 14; Civil Engineering 26. Morning and evening sections.
- 127-28 *Machine Design* (2-2) Johnson
With stress-analysis lectures. Prerequisite: Mechanical Engineering 112 and 126; Civil Engineering 25, 123, 136, and 141. Drafting-room fee, \$3 a term. Computation and drafting (6 hours)—morning.
- 129-30 *Power Plants* (3-3) Cruickshanks, Osbourne
Study of design layout, installation, and operation of power plants and equipment. Prerequisite: Mechanical Engineering 112. Morning and evening sections.
- 131-32 *Heating, Ventilating, Air Conditioning, and Refrigeration* (2-2) Willis, Kohloss
Prerequisite: Mechanical Engineering 112. Morning and evening sections.
- 133 *Combustion Engines* (2) Greeley
Prerequisite: Mechanical Engineering 112; Civil Engineering 123 and 136; Electrical Engineering 10. Morning and evening sections.
- 139 *Fluid Dynamics* (3) Johnson, Kelley
The theories of hydro- and aero-mechanics as influenced by density, viscosity, and turbulence. Prerequisite: Mechanical Engineering 112; Civil Engineering 140. Morning and evening sections.
- 140 *Dynamics of Machinery* (3) Johnson, Michel
Inertia effects, balancing, vibration phenomena. Prerequisite: Mechanical Engineering 115; Civil Engineering 123 and 136. Morning and evening sections.
- 141-42 *Management Problems* (2-2) Feiker
The handling and training of men. Prerequisite: Economics 1-2. Morning and evening sections.
- 145-46 *Management Controls* (2-2) _____
Prerequisite: Economics 1-2; Business Administration 101, 102. Hours to be arranged.
- 147 *Industrial Labor Relations* (2) _____
Prerequisite: Mechanical Engineering 141-42. To be arranged.
- 189-90 *Proseminar in Mechanical Engineering* (1-1) Johnson
Morning.

- 241-42 *Physical Diagnosis* Conklin and Staff
Demonstrations and practice on the normal and abnormal subject; designed to cover the entire subject of physical diagnosis.
- 244 *General Medicine* Bloedorn, Halley
Lectures covering general aspects of all phases of medical disease, and including therapeutics. Three hours a week.
- 298 *Cardiovascular System* Bloedorn
The etiology, diagnosis, and treatment of the diseases of the heart, pericardia, and peripheral vessels with an introductory course on electrocardiography. One hour a week.
- 301 *The Heart* Bloedorn
Lectures covering normal and abnormal heart. One hour a week.
- 324 *Clinical Physiology* Dickens
Lectures and clinics for the correlation of preclinical and laboratory studies of physiology with altered function as observed in clinic and ward. One hour a week.
- 325-26 *Clinical Clerkship* Dowling and Staff
Individual case work under strict supervision (student's histories generally accepted as hospital records). Emergency and Gallinger hospitals.
- 327-28 *Clinical Pathological Conference* Bloedorn, Choisser
Required in the third and fourth years. Correlation of clinical and post-mortem findings: detailed case descriptions from the clinical point of view, followed by thorough demonstrations, grossly and with lantern slides, of post-mortem findings. One hour a week.
- 349-50 *Grand Ward Rounds* Dowling and Staff
Conducted weekly at Gallinger Hospital. Cases are presented at this conference by members of the Resident Staff and Visiting Staff.
- 416 *Tropical Medicine* Yeager
Lectures, laboratory exercises, museum and clinical demonstrations designed to familiarize the student with problems of tropical medicine. Two hours a week.
- 420 *Medical Jurisprudence* Eldridge
Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician is brought into contact. One hour a week for eleven weeks.
- 421-22 *Dispensary Clinics* The Staff
Thorough study of individual cases subsequently reviewed in detail by the Staff. The University and Emergency hospitals.

425-26 *Clinical Clerkship*

Dickens

Individual case work under strict supervision (student's histories generally accepted as hospital records.) The University Hospital.

440 *Clinical Pharmacology*

Herwick

Brief review in materia medica, prescription writing and the fundamentals of therapeutics; discussion of the pharmacological basis of therapeutics.

499 *Clinical Physiology*

Dickens

Continuation of Medicine 324. One hour a week.

MILITARY SCIENCE AND TACTICS

Alfred Brigulio, Lieutenant Colonel, Medical Corps, Army of the United States, *Professor of Military Science and Tactics*

129-30 *Elementary Course, Senior ROTC* Brigulio (*First Year*)

National Defense Act; organization of the Army and the Medical Department; leadership, discipline, courtesies, and customs of the Service; military law; map reading; military administration; medical administration in mobile units.

247-48 *Elementary Course, Senior ROTC* Brigulio (*Second Year*)

Leadership, map reading, organization of units and tactics.

329-30 *Advanced Course (First Year)** Brigulio

Military preventive medicine, military hospitals, mess management, military hygiene and first-aid methods, defense against chemical warfare.

429-30 *Advanced Course (Second Year)** Brigulio

Medical military history; leadership, aviation medicine; medical and surgical diseases of combat; division medical service; medical service, land, sea, and airborne operations; mobilization; property accounting; physical medicine.

* Students in the advanced course are selected from those who have satisfactorily completed the elementary course.

NEUROLOGY AND NEUROLOGICAL SURGERY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Professor of Neurological Surgery*

Hyman David Shapiro, M.D., *Assistant Clinical Professor of Neurology*

Robert Henry Groh, B.S., M.D., *Associate in Neurology*

Paul Chodoff, A.B., M.D., *Associate in Neurology*

George Davis Weickhardt, M.D., *Clinical Instructor in Neurology*

James Peter Murphy, B.S., M.D., *Clinical Instructor in Neurological Surgery*

Hugo Victor Rizzoli, A.B., M.D., *Clinical Instructor in Neurological Surgery*

249-50 *Neurology (elective)*

Freeman

Methods of study of the nervous system. Gross and microscopic preparations, embryology, comparative anatomy, stimulation and extirpation, human pathology, etc. Laboratory demonstrations. One hour a week.

331 *Neurology*

Watts and Staff

Systematic lectures with lantern slides, illustrating the chief neurologic syndromes and their anatomic bases. One hour a week.

333-34 *Neurology Clinic (elective)*

Freeman and Staff

Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuro-psychiatric cases. Discussion of neuropathologic material. Three hours a week.

431 *Neurosurgery (elective)*

Watts

Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week.

OBSTETRICS AND GYNECOLOGY

- John Parks, M.S., M.D., *Professor of Obstetrics and Gynecology,
Executive Officer*
- Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Henry Lauran Darner, A.B., M.D., *Clinical Professor of Obstetrics
and Gynecology*
- Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics
and Gynecology*
- Leslie Van Dyke Dill, B.S., M.D., *Adjunct Clinical Professor of Ob-
stetrics and Gynecology*
- George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Laurence Lee Cockerille, M.D., *Associate in Obstetrics and Gynecology*
- Clayton Howard Hixson, M.D., *Associate in Obstetrics and Gynecology*
- Henry John Russell McNitt, B.S. in Med., M.D., *Associate in Obstetrics
and Gynecology*
- Samuel Mayer Dodek, A.M., M.D., *Associate in Obstetrics and Gynecology*
- Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*
- Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*
- Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Ob-
stetrics and Gynecology*
- William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics
and Gynecology*
- James Albert Dusbabek, M.D., *Clinical Instructor in Obstetrics and
Gynecology*
- Barton Winters Richwine, M.D., *Clinical Instructor in Obstetrics and
Gynecology*
- Samuel Hazen Shea, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics
and Gynecology*
- Floyd Sterling Rogers, M.D., *Clinical Instructor in Obstetrics and
Gynecology*
- Clarence Kendall Fraser, Ph.B., M.D., *Clinical Instructor in Obstetrics
and Gynecology*

Rufus Martin Roll, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Jeremiah Keith Cromer, M.D., *Clinical Instructor in Obstetrics and Gynecology*

Jed Williams Pearson, Jr., A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Thomas Miles Leonard, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

William Thurston Lady, M.D., *Clinical Instructor in Obstetrics and Gynecology*

253-54 *Normal Obstetrics*

Fraser, Dodek

Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.

337-38 *Abnormal Obstetrics*

Nordlinger, Parks

Lectures and demonstrations on the complications of pregnancy. One hour a week.

343 *Gynecology*

Brown

Lectures and demonstrations on the principles of gynecology. One hour a week.

344 *Marriage and Marital Problems*

Ramsey, Nordlinger

A course of instruction in marriage counseling and planned parenthood. One hour a week.

345-46 *Manikin Demonstrations*

Harris

The mechanism of labor and various types of operative delivery demonstrated to sections of the class in seven one-week sessions.

348 *Female Endocrinology and Operative Gynecology*

Kotz, Darner

Lectures on the physiology and the pathology of the female endocrine system and on principles of gynecological surgery. One hour a week.

441-42 *Clinical Obstetrics*

Parks and Staff

Senior students participate in prenatal and postnatal clinic care; make postpartum home calls; observe the course of labor and deliver patients under supervision; attend biweekly departmental conferences and daily ward rounds in the University, Gallinger, and Garfield hospitals.

443-44 *Clinical Gynecology*

Parks and Staff

Senior students observe and participate in the gynecological work of the clinics, operating rooms, and gynecological wards of the University, Gallinger, and Garfield hospitals.

OPHTHALMOLOGY

- Ernest Alfred Watson Sheppard, M.D., C.M., *Professor of Ophthalmology, Executive Officer*
- Ronald Atmore Cox, A.B., M.D., *Assistant Clinical Professor of Ophthalmology*
- Frank Duncan Costenbader, B.S., M.D., *Assistant Clinical Professor of Ophthalmology*
- Richard Wallace Wilkinson, M.S., M.D., *Associate in Ophthalmology*
- Sterling Bockoven, M.D., *Associate in Ophthalmology*
- Walter Joseph Romejko, M.D., *Clinical Instructor in Ophthalmology*
- Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*
- Micollus Noel Stow, M.D., D.M.S., *Clinical Instructor in Ophthalmology*
- James Spencer Dryden, M.D., *Clinical Instructor in Ophthalmology*

351-52 *Ophthalmology*

The Staff

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

447 *Clinic*

The Staff

Intensive training in diseases of the eye; etiology, diagnosis, and treatment in their application to clinical cases. Episcopal Hospital. Three hours twice a week.

OTO-RHINO-LARYNGOLOGY

Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*
Executive Officer

William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*

Leroy Lee Sawyer, A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*

David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology*

Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*

Jeter Carroll Bradley, M.D., *Associate in Oto-rhino-laryngology*

Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*

John Gordon Bell, M.D., *Clinical Instructor in Oto-rhino-laryngology*

Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

451 *Oto-rhino-laryngology*

Moffett, Jenkins

Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.

454 *Bronchoscopy*

Davis

A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for two weeks.

456 *Clinic*

The Staff

Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital. One and one-half hours twice a week.

PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*

Nathan Baruch Friedman, B.S., M.D., *Professorial Lecturer in Pathology*

Elson Bowman Helwig, B.S., M.D., *Professorial Lecturer in Pathology*

Hans Frank Smetana, M.D., *Professorial Lecturer in Pathology*

Henry Rappaport, M.D., *Professorial Lecturer in Pathology*

James Earle Ash, Jr., M.D., *Professorial Lecturer in Pathology*

Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*

Carl Hunt Wells, B.S., M.D., *Assistant Professor of Pathology*

Dee Rich Parkinson, M.D., *Instructor in Pathology*

259-60 *Pathology*

Choisser and Staff
Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

307 *Necropsy (elective)*

The Staff
Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

327-28 *Clinical Pathological Conference*

Choisser, Bloedorn
Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

460 *Research*

Choisser
Hours and credits to be arranged.

PEDIATRICS

- Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*
 Charles Aurelius Schutz, M.D., *Cinical Professor of Pediatrics*
 Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*
 Edward Lewis, M.D., *Clinical Professor of Pediatrics*
 Lewis Kaigler Sweet, A.B., M.D., *Adjunct Clinical Professor of Pediatrics*
 William Staton Anderson, A.B., M.D., *Assistant Clinical Professor of Pediatrics*
 Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*
 John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*
 Aaron Nimetz, A.B., M.D., *Assistant Clinical Professor of Pediatrics*
 Dorothy Steidle Jaeger, M.D., *Associate in Pediatrics*
 George Maksim, M.D., M.S. in Ped., *Associate in Pediatrics*
 John Howell Peacock, B.S., M.D., *Clinical Instructor in Pediatrics*
 Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*
 Frederic Gerard Burke, B.S., M.D., *Clinical Instructor in Pediatrics*
 Reginald Henry Mitchell, M.D., *Clinical Instructor in Pediatrics*
 Maynard Irving Cohen, A.B., M.D., *Clinical Instructor in Pediatrics*
 William Allen Howard, A.B., M.D., *Clinical Instructor in Pediatrics*

- 354 *Pediatrics* Nicholson
 Ward walks and weekly clinic. Gallinger Hospital. Two sections.
- 355-56 *Pediatrics* Schutz
 Lectures on diseases and malformations of the newly born. Growth, metabolism, nutrition, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week for twenty-four weeks.
- 357-58 *Clinic* Peacock, Grosvenor
 Clinical instruction in the care and diseases of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital. One-fourth of the class, one hour a week.
- 359-60 *Contagious-Disease Clinic* The Staff
 Bedside instruction in scarlet fever, diphtheria, etc. Gallinger Hospital. One-fourth of the class, one hour a week. Ward walks twice a week.
- 463-64 *Child-Welfare and Preventive Clinic* Schutz, Jaeger
 Clinical course in the infant and the pre-school child. Childrens Hospital, Child Welfare Center. One section, one hour a week.

465-66 Clinic

Out-patient clinic; minor to serious disorders of children, emotional life of the child, habit formations, and behavior problems. *Childrens Hospital. One section, Mon., Tues., Wed., and Fri., one and one-half hours.* *The Staff*

467-68 Clinic

Teaching clinic. *Childrens Hospital. Entire class, one and one-fourth hours a week.* *McLendon and Staff*

469-70 Clinical Clerkship

Individual case work under strict supervision. *Students act as Junior Interns throughout the hospital. Childrens Hospital. One-fourth of class, daily. 9:30 A.M. to 4:30 P.M.* *The Staff*

471-72 Allergy Clinic

Prerequisite: Bacteriology 209. Practical work in the Allergy Clinic of *Childrens Hospital* may be obtained by a small group of *senior students. Two afternoons a week.* *Jaeger*

PHARMACOLOGY

Paul Kenneth Smith, Ph.D., *Professor of Pharmacology, Executive Officer*

Erwin Ellis Nelson, M.S., Ph.D., *Adjunct Clinical Professor of Pharmacology*

Edgar William Ligon, Jr., Ph.D., *Assistant Professor of Pharmacology*

Edward Leong Way, Ph.D., *Assistant Professor of Pharmacology*

261 Pharmacology The Staff

Lectures, conferences, and demonstrations concerning the action of drugs. A comprehensive course considering the biochemical and physiological responses to the administration of drugs as a basis for the rational therapy of disease. Five hours a week for the first half of the second year.

263 Pharmacology Laboratory The Staff

Laboratory instruction designed to complement the above courses. Five hours a week for the first half of the second year.

265 Chemotherapy The Staff

Five hours of lectures a week for three weeks. Designed for graduate students.

361-62 Pharmacological Research The Staff

Primarily for those properly qualified graduate and medical students seeking careers in pharmacology. Hours to be arranged.

363-64 Pharmacology Seminar The Staff

Recent advances in pharmacology. For those interested in pharmacological research. Two hours a week.

440 Clinical Pharmacology The Staff

Discussions of the pharmacological basis of therapeutics.

PHARMACY

Charles Watson Bliven, M.S., *Professor of Pharmaceutical Chemistry,
Executive Officer*
William Paul Briggs, M.S., Sc.D., *Professorial Lecturer in Pharmacy*
Asa Vernon Burdine, *Lecturer on Pharmaceutical Economics*
Harold Clayton Kinner, B.S. in Phar., *Lecturer on Pharmaceutical Law*
Jane Gass, M.S., *Instructor in Pharmacology and Pharmacognosy*
Arthur William Jones, Phar.G., *Instructor in Pharmacy*
Paul Edgar Tullar, A.B., *Research Associate in Pharmacology*

SEMINAR LECTURERS

James Johnson Durrett, M.S., Phar.G., M.D., *Professorial Lecturer on
Drug Control Problems*
Carson Peter Frailey, Phar.D., *Professorial Lecturer on Industrial
Pharmacy*
Warren Fales Draper, A.B., M.D., *Professorial Lecturer on Public
Health*
Frederick John Cullen, Phar.G., M.D., *Professorial Lecturer on Drug
Manufacture*
James Albert Horton, LL.B., *Professorial Lecturer on Drug Trade
Regulations*
John Christian Krantz, Jr., Ph.D., *Professorial Lecturer on Pharma-
ceutical Research*
Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug
Standards*
George Clemens Ruhland, M.D., *Professorial Lecturer on Hygiene and
Sanitation*
Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contem-
porary Pharmacy*
George Potter Larrick, *Professorial Lecturer on Drug Control*
Robert Philipp Fischelis, B.S., Phar.D., Sc.D., *Professorial Lecturer on
Pharmaceutical Organizations*

Minimum requirements for the degrees.—See pages 117-19, 120-21.

FIRST GROUP

1-2 *Principles of Pharmacy* (2-2)

Pharmaceutical mathematics and fundamental laboratory technique.
Laboratory fee, \$8 a term. Lecture (2 hours), laboratory (2 hours)
—morning.

- 21-22 *Operative Pharmacy* (4-4) Jones
The theory and manufacture of pharmacopoeial and formulary preparations. Laboratory fee, \$12 a term. Lecture (2 hours)—morning; laboratory (6 hours)—morning and afternoon sections.
- 23 *Pharmacognosy* (3) Gass
Macroscopic and microscopic. Prerequisite: Botany 1. Laboratory fee, \$7. Lecture (2 hours)—afternoon; laboratory (3 hours)—morning.
- 25-26 *History, Literature, and Ethics of Pharmacy* Briggs
(1-1)
Survey of the development of the profession of pharmacy and the literature of pharmacy. Afternoon.

SECOND GROUP

- 102 *Dispensing Pharmacy* (4) Briggs and Assistant
Compounding of typical prescriptions and a study of incompatibilities. Prerequisite: Pharmacy 2 and 22. Laboratory fee, \$12. Lecture (2 hours)—morning; laboratory (6 hours)—afternoon.
- 103 *Dispensing Pharmacy* (4) Briggs and Assistant
Continuation of Pharmacy 102. Laboratory fee, \$12. Lecture (2 hours)—morning; laboratory (6 hours)—afternoon.
- 105-6 *Pharmacology I* (2-2) Gass
Uses of official and new nonofficial drugs: biologicals, glandular products, first aid, and medical requisites. Morning.
- 109 *Inorganic Pharmaceutical Chemistry* (3) Gass
Preparation and qualitative testing of official inorganic chemicals and chemical preparations. Laboratory fee, \$12. Prerequisite: Chemistry 21. Lecture (2 hours); laboratory (3 hours)—afternoon.
- 110 *Organic Pharmaceutical Chemistry* (3) Bliven
Preparation and qualitative testing of official organic chemicals and chemical preparations. Laboratory fee, \$12. Prerequisite or concurrent registration: Chemistry 152. Lecture (2 hours)—morning; laboratory (3 hours)—afternoon.
- 151 *Advanced Pharmacognosy* (2) _____
Microscopic. Prerequisite: Pharmacy 24. Laboratory fee, \$7. Time to be arranged.
- 153-54 *Pharmacology II* (3-3) _____
Laboratory work in basic pharmacological technique. Prerequisite: Pharmacy 106; Physiology 115 and 117. Laboratory fee, \$8 a term. Time to be arranged.
- 165-66 *Pharmacology III* (3-3) _____
Pharmacodynamics, toxicology, and biological assays. Prerequisite: Pharmacy 23 and 106; Physiology 115 and 117. Pharmacy 166,

laboratory fee, \$12. Fall term: morning. Winter term: lecture (3 hours)—morning; laboratory (3 hours)—afternoon.

- 172 *Advanced Dispensing Pharmacy* (2)
The equipment and management of professional pharmacies and advanced dispensing. Prerequisite: Pharmacy 103. Laboratory fee, \$12. Time to be arranged.
- 173 *Quantitative Pharmaceutical Analysis* (4)
Drug analysis. Prerequisite: Chemistry 22. Laboratory fee, \$12. Lecture (2 hours); laboratory (6 hours)—afternoon. Bliven
- 176 *Pharmaceutical Law* (1)
Morning. Kinner
- 178 *Pharmaceutical Economics* (2)
Marketing of drug products, retail pharmacy management, business principles and methods. Morning. Burdine
- 181 *Advanced Pharmacology I* (2)
Special problems and studies in the field of pharmacology. Prerequisite: Pharmacy 106. Prerequisite or concurrent registration: Pharmacy 165. Time to be arranged. Tullar
- 184 *Advanced Pharmacology II* (2)
Advanced biologicals and glandular products. Prerequisite: Pharmacy 106. Prerequisite or concurrent registration: Pharmacy 166. Time to be arranged. Gass
- 187-88 *Proseminar* (1-1)
A symposium covering the various phases of Pharmacy. Morning. The Seminar Staff
- 192 *Prescription Practice* (no credit)
The compounding of prescriptions and manufacture of medicinal preparations in the University Hospital Pharmacy. Required of seniors.

THIRD GROUP*

- 201-2 *Survey of Pharmaceutical Literature* (1-1)
Assigned library research on the development of pharmaceutical literature. Briggs
- 213-14 *Advanced Pharmacognosy II* (2-2)
Study of vegetable drugs, spices, and foods with special reference to identification and detection of adulteration. Laboratory fee, \$6 a term.
- 215-16 *Advanced Pharmacology III-IV* (3-3)
Special studies on biological assay methods. Laboratory fee, \$11 a term. Bliven
- 222 *Pharmaceutical Chemistry* (2)
A study of drugs by therapeutic classes; relationship of structure and action.

* The graduate courses, which are listed in the third group, will not be offered until September 1948.

- 224 *Pharmaceutical Chemistry* (2) Bliven
The preparation of official and nonofficial chemical drugs. Laboratory fee, \$12.
- 227 *Food and Drug Analysis* (4) Bliven
A study of the composition of some common foods and food products. Laboratory fee, \$12.
- 231 *Pharmacology of Anesthetic Drugs* (4)
Theoretical consideration of the principles of anesthesiology and laboratory study of the action of anesthetic drugs. Laboratory fee, \$12.
- 234 *Pharmacology of Autonomic Drugs* (4)
A study of action and interaction of drugs principally influencing the autonomic nervous system. Laboratory fee, \$12.
- 236 *Experimental Toxicology* (4)
Pharmacological action of toxic drugs correlated with chemical and pathological studies. Laboratory fee, \$11.
- 251-52 *Graduate Seminar* (1-1) The Staff
Current problems and trends in pharmacy.
- 253-54 *Research* (arr.) The Staff
Investigations of special problems in the major field of study. Credits and fees to be arranged.
- 255-56 *Thesis* (3-3) The Staff
Laboratory fee, \$14 a term.

PHILOSOPHY

Charles Edward Gauss, Mus.B., Ph.D., *Associate Professor of Philosophy, Executive Officer*

Bert Thoms, A.B., *Associate in Philosophy*

The major.—The major in philosophy, administered under the field-of-study plan, provides an opportunity for the student to become acquainted with the history and scope of philosophic thinking and its relevance to human affairs.

FIRST GROUP

1-2 *Introduction to Philosophy* (3-3)

An introductory course based upon the work of modern classical philosophers. The course is designed to introduce the student to the problems of modern philosophy, and to provide a philosophic introduction to the history of ideas since the Renaissance. Morning and evening sections. (Also offered 1947 summer term.)

Philosophy 1x—same as Philosophy 1, but offered winter term Morning.

Philosophy 2x—same as Philosophy 2, but offered fall term Morning.

SECOND GROUP

111-12 *History of Philosophy* (3-3)

A history of philosophy in the western tradition, from 600 B.C. to the 18th century. Morning and evening sections. (Also offered 1947 summer term.)

115 *History of Recent Philosophy* (3)

A continuation of philosophy 111-12. A historical introduction to contemporary philosophy. Prerequisite: Philosophy 111-12. Morning

121 *Logic* (3)

An introduction to the study of formal logic. Evening.

132 *Ethics* (3)

A critical and historical study of traditional ethical theories; the relation of ethics to social science and to the findings of clinical psychology. Morning.

162 *Aesthetics* (3)

A critical study of the problems of appreciation and judgment in the arts, and of theories of the process of artistic construction. Evening.

171-72 *American Philosophy* (3-3)

A general history of philosophy in the United States, its various schools as modifications of foreign traditions assimilated by American thought, and its influence on politics, social life, literature, education, etc. Emphasis on Puritanism, Democracy, Transcendentalism, influence of science, and the rise of Pragmatism and Realism. Evening

199-200 *Proseminar: Readings for the Major* (3-3) The Staff
Time to be arranged.

THIRD GROUP

201-2 *Readings and Research* (3-3) The Staff
Advanced readings and reports. Investigation of special problems.
Time to be arranged.

211-12 *Seminar* (3-3) The Staff
Time to be arranged.

299-300 *Thesis* (3-3) The Staff

PHYSICAL EDUCATION FOR MEN *

William Henry Myers, A.M., *Professor of Physical Education for Men*
Executive Officer

Joseph Henry Krupa, M.S., *Associate Professor of Physical Education for Men*

Raymond George Hanken, B.S., *Assistant Professor of Physical Education for Men*

Ralph Waldo Foster, A.M., *Lecturer in Physical Education for Men*

Jacob Neil Stahley, A.M., *Associate in Physical Education for Men*

Arthur David Zahn, A.B., *Associate in Physical Education for Men*

Alfred Albert Sadusky, A.M., *Associate in Physical Education for Men*

Roger Antaya, A.M., *Associate in Physical Education for Men*

This Department includes all the recognized athletic activities of the men students of the University.

Two years of physical education (Physical Education 1-2 and 11-12) are required of all men for graduation, except those students exempt under the regulations stated on page 37.

Upon entering the University, all freshmen or other undergraduate students who have not fulfilled the physical education requirement are given a medical examination. Assignments for medical examinations will be given at the time of registration. The students who satisfy the requirements of the medical examination are then given a physical efficiency test in the general bodily skills of endurance, and strength; and in swimming. If the physical efficiency test is passed, the student may elect from the following list of activities:

Setting-up Exercises (stretching exercises)

Body Building Exercises (gymnastic apparatus and weight lifting skills)

Competitive Exercises (modified games and sports)

Swimming Exercises (distance, speed, and life saving)

If the physical efficiency test is not passed, the student will be assigned to a class for training in the above activities in the order listed.

The Department furnishes gymnasium uniforms and personal equipment upon a small payment.

Minimum requirements for the Dual-Major Teacher's Course.—See pages 125, 127.

Minimum requirements for the Single-Major Teacher's Course.—See pages 125, 127, 128.

Minimum requirements for the Physical Education and Recreation Course.—See pages 125, 127, 128.

Minimum requirements for the minor.—Prerequisite: Physical Education 43-44, 45-46 (all of these courses may be satisfied by examination). 47, 48, 58. Required: twelve credit hours of second-group courses in physical education, including 103, 107, 113 or 114, and 138.

* The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

FIRST GROUP

- 1-2 *Freshman Physical Education** (2-2) The Staff
Four periods of supervised activity a week. Locker and towel fee, \$2 a term. Assignment for activities and time to be arranged.
- 11-12 *Sophomore Physical Education** (2-2) The Staff
Four periods of supervised activity a week. Locker and towel fee, \$2 a term. Assignment for activities and time to be arranged.
- 42 *Aquatic Sports, Swimming, and Lifesaving* (2) Hanken
Afternoon.
- 43-44 *Techniques of Physical Education Motor Activities for Freshmen* (2-2) The Staff
A critical survey of the fundamental skills, rules, organization, appreciations, and attitudes in these activities. Time to be arranged.
- 45-46 *Techniques of Physical Education Motor Activities for Sophomores* (2-2) The Staff
Afternoon.
- 47 *Introduction to Physical Education* (2) Myers
An orientation course presenting in elementary form the problems of physical education, vocational analysis, historical implication, scientific foundations, and scope of field. Morning.
- 48 *Introduction to Recreation* (2) Myers
A course presenting in elementary form the various phases of this field; the role of recreation in modern living; current practices in community recreation work; standards of training, experience, and salary; types of leadership needed. Time to be arranged.
- 49 *Human Anatomy* (3) Burtner
The structure of the human body. Basic course for physical education students. Open to both men and women. Prerequisite: Biology 1-2 or Zoology 1-2. Morning.
- 58 *First Aid and Care of Athletic Injuries* (2) Myers
Prevention and emergency care of injuries of all types, with special reference to first aid, bandaging, and massage. A practical course. Prerequisite: Physical Education 49; Biology 1-2 or Zoology 1-2. Afternoon.
Physical Education 58x—same as Physical Education 58, but offered fall term. Afternoon.

* Freshmen and sophomores in the School of Engineering are required to take two, instead of four, periods of physical education a week for which they receive one, instead of two, credits a term.

SECOND GROUP

- 102 *Play in Education and Recreation* (3) Atwell
The significance of play in human growth and development; play activities for elementary schools and recreation programs. Open to both men and women. Morning.
- 103 *History and Principles of Physical Education* (3) Myers
The interpretation of objectives of physical education activities under leadership, in terms of development, adjustment, and standards. Morning.
- 107 *Introduction to Methods in Physical Education* (2) Krupa
Essential facts of education, psychology, and sociology, with special reference to the problem of method in physical education. Prerequisite: Biology 1-2 or Zoology 1-2; Psychology 1 and 22; Sociology 27 and 28. Afternoon.
- 109-10 *Leadership Organization in the Intramural Program* (2-2) Krupa
Principles of administration, organization, and supervision of intramural activities in the physical-education program of the junior high schools, senior high schools, and colleges. Prerequisite: Physical Education 47 and 107. Afternoon.
- 113-14 *Directed Teaching in Physical Education Activities* (2-2) The Staff
Practical demonstration of teaching procedures in adapting activities to the various problems in the secondary school organization. Prerequisite: a minimum of twelve credit hours in physical education; Physical Education 107. Time to be arranged.
- 115-16 *Methods in Major Sport Activities* (2-2) The Staff
Teaching procedures in adapting major sport activities to the several age-period groups and to individual differences existing in the secondary school organization. Prerequisite: demonstration of a fair degree of skill in these various activities; Physical Education 107. Morning.
- 117-18 *Methods in Minor Sport Activities* (2-2) The Staff
The scientific procedures in adapting these various activities to a secondary school physical-education program. Prerequisite: demonstration of a fair degree of skill in these various activities; Physical Education 107. Morning.
- 121 *School and Community Health Programs* (3) Krupa
Health services, healthful environment, health instruction, sources of material for general health knowledge. Open to both men and women. Prerequisite: Zoology 1-2 or Biology 1-2. Morning.

- 122 *Methods and Materials of Health Education* (3) Dennis
Organization and presentation of health materials for each age level. Prerequisite: Zoology 1-2 or Biology 1-2. Open to both men and women. Morning.
- 123 *Psychological Analysis of Activities* (2) Krupa
A detailed analysis of the mental processes during participation in physical-education activities. Prerequisite: Psychology 1 and 22. Morning.
- 124 *Applied Anatomy and Physiology* (3) Myers
The anatomical and physiological effects of physical-education activity. Prerequisite: Physical Education 49; Physiology 115; Zoology 1-2 or Biology 1-2. Time to be arranged.
- 125 *Kinesiology of Sports for the Physically Handicapped* (3) Myers
Methods employed in the teaching of body mechanics which are adapted to the prevention and correction of physical disabilities. Prerequisite: Physical Education 49 and 124; Zoology 1-2 or Biology 1-2. Morning.
- 131 *Tests and Measurements in Physical Education* (3) Atwell
Critical survey of tests in physical activities; methods of test construction; elementary statistics. Open to both men and women. Time to be arranged.
- 132 *Camp Leadership* (1) Atwell
Philosophy and administration of modern camps. Open to both men and women. Afternoon.
- 133-34 *Observation and Practice Teaching* (3-3) Myers
Required of every major student in the junior or senior year. Assignments are made to schools in Washington, D. C., and vicinity. Prerequisite: Education 131; Physical Education 113-14. Time to be arranged.
- 138 *Administration and Organization of Physical Education* (3) Myers
The administration of a unified program; a study of physical education plants, athletic fields, and equipment. Prerequisite: Physical Education 47. Morning.
- 151-52 *Group Leadership Activities* (3-3) Foster
Fall term: groups and their significance, group work principles and methods, professional and volunteer leaders, organization and development of programs. Winter term: application to social recreational activities. Evening.
- 153-54 *Group Leadership Activities* (3-3)
Fall term: organization and direction of physical recreation programs. Winter term: organization and direction of special recreational activities.

ties, such as, arts and crafts, dramatics, group singing, and nature walks. (Not offered in 1947-48.)

161 *Community Organization for Recreation* (3)
(Not offered in 1947-48.)

162 *Administration and Supervision of Recreation* (3)
(Not offered in 1947-48.)

PHYSICAL EDUCATION FOR WOMEN *

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women, Executive Officer*

Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*

Elizabeth Burtner, A.M., *Associate Professor of Physical Education for Women*

Virginia Loretta Dennis, A.B., *Assistant Professor of Physical Education for Women*

Marjorie Tate, A.M., *Assistant Professor of Physical Education for Women*

Catherine Prentiss, B.S., *Instructor in Physical Education for Women*

Ruth McEvoy Dean, *Associate in Physical Education for Women*

Two years of physical education (Physical Education 1-2 and 11-12) are required of all women for graduation, except of students exempt under the regulations stated on page 37. In the fall a complete medical and physical examination and a motor test are given each student for the purpose of discovering individual needs. Those students whose examinations indicate the desirability of remedial or restricted activity are assigned to a program especially adapted to their needs. This limited program includes moderate sports and individual exercises in small groups under careful supervision.

The required costume for physical education classes may be purchased at the Student Club.

Minimum requirements for the major.—For the first two years in Junior College see page 60. For the last two years in the School of Education see pages 125, 128-29. Students desiring to prepare themselves to teach another subject in addition to physical education may do so by choosing their elective hours in one subject-matter field with the advice of the Dean of the School of Education.

FIRST GROUP

1-2 *Freshman Physical Education (I-I)*

The Staff

One period of fundamentals of health, physical education, and recreation, and two periods of activity a week.

Fundamentals of health, physical education, and recreation: study of the factors involved in the maintenance of health and in the efficient use of the body, and practice in activities adapted for leisure time. Morning and afternoon sections.

Activities: soccer, riding, field hockey, folk and square dance, modern dance, lacrosse, bowling, ice skating, roller skating, volleyball, basketball, badminton, individual body mechanics, swimming (elementary, intermediate, and advanced), tennis, softball, archery, elementary golf. Locker and towel fee, ‡ \$2 a term. Afternoon.

* The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

‡ The locker and towel fee is required for registration in one or more of the activity courses.

11-12 Sophomore Physical Education (1-1)

Activities: same as Physical Education 1-2. Locker and towel fee,* \$2 a term. Two periods a week; morning and afternoon sections. The Staff

13-14 Skill Techniques in Physical Education Activities (2-2)

Practice in basic motor skills for prospective teachers in the following: (1) team sports—field hockey, soccer, basketball, and softball; (2) dance—folk, square, and modern; (3) body mechanics; (4) individual and dual sports—swimming, tennis, golf, badminton, archery. Programs are arranged according to individual needs. Locker and towel fee,* \$2 a term. Afternoon. The Staff

15-16 Methods of Teaching Physical Education Activities (2-2)

(a) Team Sports: teaching procedures, organization, and equipment; (b) Recreational Dance: methods and materials for teaching folk, square, and social dance. Locker and towel fee,* \$2 a term. Afternoon. The Staff

18 Kinesiology (3)

A study of the anatomical mechanism of movement, analysis of the action of the muscles in physical-education activities. Open to both men and women. Prerequisite: an approved course in anatomy. Morning. Tate

48 Introduction to Recreation (2)

A course presenting in elementary form the various phases of this field; the role of recreation in modern living; current practices in community recreation work; standards of training, experience, and salary; types of leadership needed. Open to both men and women. Time to be arranged. Myers

49 Human Anatomy (3)

The structure of the human body. Basic course for physical education students. Open to both men and women. Morning. Burtner

SECOND GROUP**102 Play in Education and Recreation (3)**

The significance of play in human growth and development; play activities for elementary schools and recreation programs. Open to both men and women. Morning. Atwell

103 History and Principles of Physical Education (2)

(Not offered in 1947-48.) Atwell

105-6 Therapeutic and Remedial Physical Education and Physical Examinations (3-3)

Cause and correction of faulty body mechanics and other abnormal physical conditions, physical-examination methods used in the diagnosis. Lawrence

* The locker and towel fee is required for registration in one or more of the activity courses.

of physical defects, program adaptation to special cases. Prerequisite: Zoology 1-2 or Biology 1-2. Morning.

111-12 *Methods of Teaching Physical Education Activities (2-2)* The Staff

(a) Individual and Dual Sports: teaching procedures, organization and equipment; (b) Modern Dance: methods and materials for teaching Modern Dance, dance composition. Locker and towel fee,* \$2 a term. Afternoon. (Not offered in 1947-48.)

119-20 *Problems in Teaching Physical Education Activities (2-2)* The Staff

Advanced material for the teaching of physical education with opportunity for specialization in sports or in dance. (a) Teaching and officiating in individual, dual, and team sports; (b) Advanced technique, projects in teaching and production in the dance. Locker and towel fee,* \$2 a term. Afternoon.

121 *School and Community Health Programs (3)* Krupa

Health services, healthful environment, health instruction, sources of material for general health knowledge. Open to both men and women. Prerequisite: Zoology 1-2 or Biology 1-2. Time to be arranged.

122 *Methods and Materials of Health Instruction (3)* Dennis

Organization and presentation of health materials for each age level. Prerequisite: Zoology 1-2 or Biology 1-2. Open to both men and women. Morning.

130 *Clinical Work in Therapeutic and Remedial Physical Education (3)* Lawrence

Practice in giving physical examinations, analysis of results, prescription and teaching of corrective exercises; observation in orthopedic clinics in city; first aid and care of athletic injuries, with instruction in bandaging and massage. Prerequisite: Physical Education 18, 49, and 105-6, Zoology 1-2 or Biology 1-2. Time to be arranged.

131 *Tests and Measurements in Physical Education (3)* Atwell

Critical survey of tests in physical activities; methods of test construction; elementary statistics. Open to both men and women. Time to be arranged.

132 *Camp Leadership (1)* Atwell

Philosophy and administration of modern camps. Open to both men and women. Afternoon.

133-34 *Observation and Practice Teaching (3-3)* Atwell

Directed teaching with weekly conferences in junior and senior high schools. Time to be arranged.

* The locker and towel fee is required for registration in one or more of the activity courses.

135-36 *Survey of Dance History and Dance Forms* (3-3) Burtner

Primitive, Greek, medieval, pre-classic, romantic, and modern periods. Traditional forms, such as polka, schottische, mazurka, and waltz. Fundamental movement techniques, composition and discussion. Designed for students interested in art, drama, and dance. Late afternoon.

140 *Administration of Physical Education* (3) Atwell

Organization and administration of physical education in elementary and secondary schools and colleges. Prerequisite: Physical Education 103. (Not offered in 1947-48.)

151-52 *Group Leadership Activities* (3-3) Foster

Fall term: groups and their significance, group work principles and methods, professional and volunteer leaders, organization and development of programs. Winter term: application to social-recreational activities. Evening.

153-54 *Group Leadership Activities* (3-3)

Fall term: organization and direction of physical recreation programs. Winter term: organization and direction of special recreational activities, such as, arts and crafts, dramatics, group singing, and nature walks. (Not offered in 1947-48.)

161 *Community Organization for Recreation* (3)

(Not offered in 1947-48.)

162 *Administration and Supervision of Recreation* (3)

(Not offered in 1947-48.)

PHYSICS

Thomas Benjamin Brown, Ph.D., *Professor of Physics, Executive Officer*
 Walter Lynn Cheney, Ph.D., *Professor of Physics*
 George Antony Gamow, Ph.D., *Professor of Theoretical Physics*
 Raymond John Seeger, Ph.D., *Professorial Lecturer in Physics*
 George Martin Koehl, A.M., *Associate Professor of Physics*
 Robert Randal Meijer, Ph.D., *Associate Professor of Physics*
 John Ettinger Tompkins, A.B., *Instructor in Physics*
 Thomas Arthur Wiggins, B.S. in Ed., *Instructor in Physics*
 Charles Ravitsky, M.S. in Ed., *Associate in Physics*
 Albert Prentice Kenyon, A.M., *Associate in Physics*
 Philip Krupen, A.M., *Associate in Physics*
 John Newell Tevis, A.M., *Associate in Physics*
 John Neilson Thomas, B.S. in E.E., *Associate in Physics*

The major.—Prerequisite: Physics 6, 7, 8, and 55; Chemistry 12; Mathematics 19 and 20. Required for the Bachelor of Arts degree: Physics 113–14, 116, 121, 122, 125, and 155; Mathematics 132. Required for Bachelor of Science degree: same as for the Bachelor of Arts degree, plus Mathematics 171.

FIRST GROUP

5 *General Physics** (3) Koehl and Staff

Introduction to the scientific method as used in the study of energy and forces; physical properties of solids, liquids, and gases; phenomena of heat and light. Prerequisite: high school algebra and plane geometry. Material fee, \$6. Lecture (1 hour); recitation (1 hour); laboratory (2 1/3 hours). Morning, afternoon, and evening sections. Physics 5x—same as Physics 5, but offered winter term. Lecture (1 hour)—morning and evening sections; recitation (1 hour)—morning, afternoon, and evening sections; laboratory (2 1/3 hours)—morning, afternoon, and evening sections.

6 *General Physics** (3) Meijer and Staff

Mechanics, wave-motion, sound, and the theory of optical instruments. Offered winter term. Prerequisite: Physics 5; high school algebra and plane geometry. Material fee, \$6. Lecture (1 hour); recitation (1 hour); laboratory (2 1/3 hours). Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

7 *General Physics** (3) Meijer and Staff

Elementary electricity and magnetism. Offered fall term. Prerequisite: Physics 5; high school algebra and plane geometry. Material

* Physics 6, 7, and 8 constitute the basic course in physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 6 or Physics 7).
 Before completing registration for Physics 5, 6, 7, or 55, each student must obtain from the representative of the Department an assignment to a class section.

fee, \$6. Lecture (1 hour); recitation (1 hour); laboratory (2 1/3 hours). Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

8 *General Physics** (2)

Cheney and Staff

Foundations of Modern Physics.—The experimental evidence concerning light waves and quanta, X-rays, and radiowaves; electrons, protons, and other elementary particles; atomic and molecular structure; and nuclear physics. Prerequisite: Physics 6 and 7. Morning and evening sections. (Also offered 1947 summer term.)

55 *Physical Measurements** (2)

Cheney and Staff

Theory and use of the methods of precise measurement in the several fields of physics. Prerequisite: Physics 6 and 7. Prerequisite of concurrent registration: Mathematics 19. Material fee, \$6. Lecture (1 hour)—afternoon and evening sections; laboratory (2 1/3 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

113-14 *Atomic and Molecular Physics* (3-3)

Meijer

Constituent particles of matter, elements of the quantum theory, spectra and structure of atoms and molecules, and the kinetic theory and the properties of macroscopic bodies. Prerequisite: Physics 8; Mathematics 20. Evening.

116 *Optics* (3)

Koehl

Geometrical optics; elementary theory of wave motions; interference, diffraction, polarization, and dispersion of light; laws of black-body radiation. Prerequisite: Physics 8; Mathematics 20. 1947-48 and alternate years. Morning. (Also offered 1947 summer term.)

121 *Mechanics* (3)

Koehl

Statics, elasticity, dynamics of solids and fluids, and gravitation. Prerequisite: Physics 6; Mathematics 20. Evening.

122 *Heat and Thermodynamics* (3)

Cheney

Thermometry, calorimetry, heat conduction, the laws of thermodynamics with application to physical systems. Prerequisite: Physics 8; Mathematics 20. Evening.

125 *Principles of Electricity* (3)

Cheney

Fundamental phenomena of electricity and magnetism; circuit theory, including elementary alternating-current circuits; terrestrial magnetism; atmospheric electricity. Prerequisite: Physics 8; Mathematics 20. Morning.

* Physics 6, 7, and 8 constitute the basic course in physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 6 or Physics 7).

Before completing registration for Physics 5, 6, 7, or 55, each student must obtain from the representative of the Department an assignment to a class section.

- 128 **Sound (3)**
Production, propagation, and detection of sound waves; vibrations of sounding bodies; acoustic instruments and acoustic measurements. Prerequisite: Physics 8; Mathematics 20. 1948-49 and alternate years.
- 132 **Electronics (3)** Brown
The phenomena of electron emission from solids; the physical properties of electron tubes, and the principles underlying their basic applications. Prerequisite: Physics 8 and 55, and Physics 125 or Electrical Engineering 10. Material fee, \$6. Lecture (2 hours), laboratory (2 hours)—afternoon and evening sections.
- 133 **Electronics (3)** Brown
A continuation of Physics 132. Includes basic radiofrequency applications of electron tubes, and special types of tubes such as klystrons, resonators, and magnetrons. Lectures and problems. Prerequisite: Physics 132; Electrical Engineering 101, 118. Time to be arranged.
- 143-44 **Modern Experimental Physics (3-3)** Brown
Experimental methods for the study of the physical properties of electrons, atoms, and molecules. Prerequisite: Physics 8. Material fee, \$6 a term. Afternoon.
- 155 **Advanced Physical Measurements (3)** Brown
Optional programs of experiments in optics, mechanics, electricity and magnetism, or radiofrequency measurements. Corresponding prerequisites are Physics 116, 121, 125, and 125 plus 132. In addition, Physics 55 as a general prerequisite. Material fee, \$6. Afternoon and Saturday sections.
- 161 **Nuclear Physics (3)** Gamow
Radioactivity, nuclear transformations, new particles; astrophysical applications. Prerequisite: Physics 113-14. Evening. (Also offered 1947 summer term.)

THIRD GROUP

- 206 **Current Topics in Modern Physics (1)** Gamow
Prerequisite: Physics 113-14. Evening.
- 211-12 **Classical Physical Theory (3-3)**
Fall term: dynamics of systems of particles and of rigid bodies; generalized coordinates. Winter term: dynamics of elastic bodies and fluids; electromagnetic field theory. Prerequisite: Physics 121, 122, and 125; Mathematics 132 and 171. (Not offered in 1947-48.)
- 213-14 **Electromagnetic Radiation (3-3)** Brown
Electromagnetic theory as applied to light and radio waves, with especial consideration given to "micro-waves". Prerequisite: Physics 125 and Mathematics 132, or the equivalent. Evening.

- 217-18 *Statistical Physics* (3-3) Seeger
 Foundations of classical and quantum statistics, thermodynamic properties of matter and radiation, electrical properties of solids. Prerequisite: Physics 113-14, 121, and 122. Evening.
- 219-20 *Fluid Dynamics* (3-3) Seeger
 Theory of ideal fluids, compressible fluids, viscous fluids; shock-wave and boundary-layer phenomena; turbulence. Prerequisite: Physics 121 and 122; Mathematics 132 and 171. (Not offered in 1947-48.)
- 221-22 *Quantum Mechanics* (3-3) Gamow
 Formulation and application of laws holding within the atom, the relation of these laws to those of classical physics. Prerequisite: Physics 113-14 and 211-12. Evening.
- 232 *Advanced Electronics* (3) Brown
 Theory and design of electron tubes and electronic circuits. Lectures and problems. Prerequisite: Physics 132. Evening. (Also offered 1947 summer term.)
- 255-56 *Advanced Laboratory* (3-3) The Staff
 Special topics. One term of this course is required of all Master's candidates in physics. Not open to undergraduates. Material fee. \$6 a term. Afternoon and Saturday sections.
- 261-62 *Theory of the Atomic Nucleus* (3-3) Gamow
 General theory of nuclear structure; electromagnetic radiation of nuclei; kinetics of nuclear reactions; fission-process and nuclear chain reactions; theory of nuclear forces. Evening.
- 266 *Relativity and Gravitational Theory* (3) Gamow
 Basic principles, relativistic mechanics and electrodynamics, theory of gravitation, cosmology. Prerequisite: Physics 211-12. (Not offered in 1947-48.)
- 275 *Structure of Stars* (3) Gamow
 Prerequisite: Physics 161 and 221. (Not offered in 1947-48.)
- 291-92 *Seminar: Recent Developments in Physics* The Staff
 (1-1)
 Individual investigations of special problems. All students registered for a Master's degree in physics are expected to attend this seminar during residence for the degree, and to take part in its programs. Credit for participation in the seminar work may be obtained by registering for this course during the last two terms of residence; this credit, however, is based upon the seminar work during the entire period of residence. Alternate weeks, evening.
- 299-300 *Thesis* (3-3) The Staff

PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

Abraham Dury, Ph.D., *Assistant Professor of Physiology*

115 Physiology (3) Leese and Staff

Lectures for academic students covering the fundamentals of Physiology in its various subdivisions. Prerequisites: one year of general science or one term of a biological science. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.

117 Experimental Physiology (1) Dury and Staff

Laboratory exercises in the fundamentals of physiology, for academic students. Prerequisite or concurrent registration: Physiology 115 or the equivalent. Material fee, \$12. Sat., 10:10 A.M. to 1:00 P.M.

120 Physiology of Endocrine Activity (1 or 2) Albritton

The circulatory, metabolic, reproductive, growth, and other adaptations, immediate and long term, accompanying and affecting endocrine activity. May be taken for two credits with additional work. Prerequisite: Physiology 115 or the equivalent. Tues., 5:10 P.M.

130 The Psycho-physiology of Personality (2) Leese

Lectures on the genesis and expression of personality, with emphasis on the physiological approach. Prerequisite: Physiology 115 or the equivalent and general psychology. Tues. and Thurs., 6:10 P.M.

132 Advanced Physiology of Circulation and Respiration (2) Albritton and Staff

Lectures on blood, heart, circulation, respiration, and acid-base balance. Eight hours a week in February and March.

134 Advanced Physiology of Nutrition, Metabolism, and Excretion Rose and Staff

Lectures on nutrition, digestion, metabolism, excretion, temperature regulation, and water balance. Eight hours a week in March.

136 Advanced Physiology of the Endocrine Glands and Reproduction Dury and Staff

Lectures on ductless glands, hormones, humoral agents, and reproduction. Eight hours a week in March and April.

138 Advanced Physiology of the Neuro-Muscular System (2) Leese and Staff

Lectures on sensory reception, central nervous processes, somatic and visceral motor activity, and the behavior of smooth and striped muscle. Eight hours a week in April and May.

- 140 *Advanced Experimental Physiology* (3) The Staff
Laboratory work only. Correlated with the lectures in courses 137-138, Mon., Wed., and Fri., 2:00 to 5:00 P.M.
- 150 *Advanced Physiology* The Staff
One hundred physiological lectures and one hundred thirty laboratory hours devoted to the major divisions of the subject. For Medical Students. Mon., Wed., and Fri., 12:00 to 5:00 P.M.; Sat., 9:00 to 11:00 A.M.
- 160 *Experimental Method* (1) Albritton
Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence, and tests of the statistical significance of experimental results. Sat., 10:00 A.M. in February and March.
- 169-70 *Problems in Physiology* Albritton and Staff
Hours and credits to be arranged.
- 179-80 *Physiology Seminar* (1-1) The Staff
Weekly throughout the year.
- 201-02 *Research* Albritton, Leese, and Staff
Hours and credits to be arranged.
- 209-10 *Thesis* (3-3) Albritton and Leese

POLITICAL SCIENCE

- Warren Reed West, Ph.D., *Professor of Political Science*
 *William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*
 John Withrow Brewer, Ph.D., *Professor of International Law, Executive Officer*
 Richard Carleton Spencer, Ph.D., *Professorial Lecturer in Political Science*
 Luis Siegfried Quintanilla, L.-ès-L., Diplômé, Ph.D., *Professorial Lecturer in Political Science*
 Elmer Boyd Staats, Ph.D., *Lecturer on Public Administration*
 Allen Dailey Manvel, A.B., *Lecturer on Public Administration*
 Fred Latimer Hadsel, Ph.D., *Lecturer in Political Science*
 William George Torpey, Ph.D., *Lecturer on Public Administration*

Minimum requirements for the major.—Prerequisite: Political Science 9-10. Required: twenty-four credit hours from the following groups distributed as follows: six hours from Group A; six hours from Group B; six hours from Group A, B, or C; six hours from Group A, B, C, or D.
 Group A: Political Science 111, 112, 117, 121-22. Group B: Political Science 171, 172, 181-82. Group C: Political Science 115, 116, 141, 151, 161-62, 192, 193, 194. Group D: Political Science 127, 128, 129, 130.
 Students interested in preparing for graduate work in Public Administration will consult the Executive Officer of the Department for modifications of the above requirements.

FIRST GROUP

- 9-10 *Government of the United States (3-3)* The Staff
 Morning and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

- 111 *The Governments of Europe: England, France, and Switzerland (3)* _____
 Morning. (Also offered 1947 summer term.)
 112 *The Governments of Europe: Soviet Union, Germany, and Italy (3)* _____
 Morning.
 115 *Municipal Government (3)* Spencer
 Evening.
 116 *Political Parties (3)* Spencer
 Evening.

* On leave of absence 1947-48

- 193 *Far Eastern Governments: China, India, Japan, and Colonial Dependencies* (3) Johnstone
(Not offered in 1947-48.)
- 194 *Far Eastern Politics: Contemporary International Relations in the Pacific Area* (3) _____
Evening.
- 199-200 *Proseminar: Readings for International Relations Major* (3-3) Brewer
Time to be arranged.

THIRD GROUP

- 207-8 *Proseminar: Legislative Organization* (3-3) West
(Not offered in 1947-48.)
- 209-10 *Seminar* (3) West
Evening.
- 214 *The Soviet Union: Politics and Government* (3)
(Not offered in 1947-48.)
- *239 *Seminar: Personnel Administration* (3) Torpey
Evening.
- *240 *Seminar: Problems in Personnel Management* (3) Torpey
Evening.
- *252 *Budgetary and Financial Administration* (3) Manvel
Evening.
- *253 *Staff Functions in Government Administration* (3) Manvel
Evening.
- *255-56 *Seminar: Federal Inter-bureau Relationships* (3-3) Staats
Evening.
- 260 *Seminar: Administration of Major Governmental Programs* (3) Staats
Evening.
- *271-72 *Problems in International Politics and Organization* (3-3) Hadsel
Evening.
- *273 *Seminar: International Administration* (3) _____
Evening.

* Primarily for majors in the School of Government.

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|---------|---|-------------|
| *274 | <i>Seminar: Objectives and Methods of Foreign Policy (3)</i> | |
| | Evening. | |
| 277-78 | <i>Seminar: Latin American Politics and Government (3-3)</i> | Quintanilla |
| | Evening. | |
| 281-82 | <i>Seminar: International Law and Relations (3-3)</i> | Brewer |
| | Evening. (Also offered 1947 summer term—Political Science 281 (3).) | |
| 293 | <i>Seminar: International Politics in the Pacific Area (3)</i> | Johnstone |
| | (Not offered in 1947-48.) | |
| 294 | <i>Seminar: Governments in the Pacific Area (3)</i> | Johnstone |
| | (Not offered in 1947-48.) | |
| 299-300 | <i>Thesis (3-3)</i> | The Staff |

* Primarily for majors in the School of Government.

PSYCHIATRY

Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*

Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*

Addison McGuire Duval, M.D., *Assistant Clinical Professor of Psychiatry*

Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*

Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*

Edgar Deucher Griffin, A.B., M.D., *Associate in Psychiatry*

Isabelle Kendig, Ph.D., *Associate in Psychiatry*

William Green Cushard, M.D., *Clinical Instructor in Psychiatry*

136 *Introductory Medical Psychology* Overholser and Staff
Theoretical and practical aspects of the constitution, character, and personality as related to medicine; psychological features in various diseases; types of character development and their ways of adaptation. One hour a week.

278 *Psychopathology* Hall
Manifestations and understanding of various abnormal mental mechanisms and reaction-types, illustrated with suitable case material, and preceded by history of development of psychopathology. One hour a week.

366 *Psychiatry* Overholser
Major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeths Hospital. One hour a week.

368 *Psychosomatic Aspects of General Medicine* Katzenelbogen

Somatic disorders of functional origin versus organic structural disorders. The role of personality reactions in somatic disorders (illustrative cases). St. Elizabeths Hospital. One hour a week.

427-28 *Psychological Techniques in Psychiatric Practice* Kendig

Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks.

473-74 *Ward Work* The Staff
Personal mental examinations and formal written report of the examination of the various types of psychoses, followed by a review of the cases with an instructor. St. Elizabeths Hospital. Two hours a week.

475 *Psychoneurosis* Duval
The clinical aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses. One hour a week for twelve weeks.

PSYCHOLOGY

Mitchell Dreese, Ph.D., *Professor of Educational Psychology*
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology, Executive Officer*
 *Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*
 Clarence Daniel Leatherman, Ph.D., *Professorial Lecturer in Psychology*
 Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*
 Curtis Edward Tuthill, Ph.D., *Assistant Professor of Psychology*
 Willard Caldwell, Ph.D., *Assistant Professor of Psychology*
 Margaret Ives, Ph.D., *Lecturer in Psychology*
 Isabelle Kendig, Ph.D., *Lecturer in Psychology*
 Mildred Sherwood Taub, A.M., *Lecturer in Psychology*

Minimum requirements for the major.—Prerequisite: Psychology 1 and 2 or 22. Required: Psychology 116, 131, 191, 196 and either 125 or 151; Physiology 115; Statistics 53 or 115-16 and nine credit hours elective in psychology or closely related fields or departments, if specifically approved in advance by the Department of Psychology.

For requirements for graduate degrees, consult the Executive Officer.

FIRST GROUP

- 1 *General Psychology*† (3) The Staff
Morning
 The fundamental principles underlying human behavior. Morning and evening sections. (Also offered 1947 summer term.)
 Psychology 1x—same as Psychology 1, but offered winter term. Morning and evening sections.
- 2 *Applied Psychology* (3) The Staff
Morning and evening sec.
 The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. Morning and evening sections. (Also offered 1947 summer term.)
 Psychology 2x—same as Psychology 2, but offered fall term. Morning and evening sections.
- 22 *Introduction to Educational Psychology* (3) Taub
Morning
 Consideration of individual and group differences, adjustments, and the psychology of learning in relation to education and training. Morning. (Also offered 1947 summer term.)
 Psychology 22x—same as Psychology 22, but offered fall term. Morning.

* On leave of absence 1947-48.

† Psychology 1 is prerequisite to all other courses in Psychology.

SECOND GROUP *

- 116 *Abnormal Psychology* (3) Hunt
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. Morning. (Also offered 1947 summer term.)
Psychology 116x—same as Psychology 116, but offered fall term. Morning and evening sections.
- 121 *Educational Psychology* (3) Taub
Advanced course in educational psychology. Open each term on the individual study plan to a limited number of students. Time to be arranged. (Also offered 1947 summer term.)
- 125 *Child Psychology* (3)
A genetic approach to the study of the child. Evening. (Also offered 1947 summer term.)
Psychology 125x—same as Psychology 125, but offered winter term. Morning.
- 131 *Psychological Tests* (3) Hunt, Caldwell
A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee, \$2.25. Morning. (Also offered 1947 summer term.)
Psychology 131x—same as Psychology 131, but offered winter term. Morning and evening sections.
- 144x *Personnel Psychology* (3) Leatherman
The applications of psychology to personnel work in education, business, industry, and government. Evening. (Also offered 1947 summer term.)
- 151 *Social Psychology* (3) Tuthill
The social foundations of attitudes and behavior. Individual adjustment to group situations, such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. Morning. (Also offered 1947 summer term.)
Psychology 151x—same as Psychology 151 but offered winter term. Evening.
- 156 *Propaganda and Public Opinion* (3)
Summer term 1947.
- 162 *Comparative Psychology* (3) Caldwell
A survey of psychological processes in infrahuman organisms, with special emphasis on the evolution of animal behavior from the lowest forms to man. Morning.
- 171 *Psychology of Personality* (3) Caldwell
Contemporary approaches to the study of personality. Prerequisite: 12 credits in psychology, including Abnormal Psychology. Evening. (Also offered 1947 summer term.)

* Six credits in first group courses are prerequisite to all second group courses.

- 191 *Experimental Psychology* (3) Fehrer
 The application of experimental methods to various psychological problems. Prerequisite: 12 credits in psychology. Material fee, \$5. Afternoon. (Also offered 1947 summer term.)
 Psychology 191x—same as Psychology 191, but offered winter term. Afternoon.
- 192 *Problems in Experimental Psychology* (3) The Staff
 Opportunity for work on individual experimental projects. Prerequisite: Psychology 191. Open each term to a small number of students by permission of the instructor. Time to be arranged.
- 193-94 *Readings in Psychology* (3-3) The Staff
 Supervised readings on specific topics in psychology; with conferences; for undergraduate majors. Open only to seniors with 18 or more credits in psychology with a quality point index of 3.00 or higher. Special permission of staff member under whom course is to be taken is necessary. Time to be arranged.
- 196 *History and Systems of Psychology* (3) Fehrer
 A survey of the contemporary schools of psychology. Prerequisite: 12 credits in psychology. Evening. (Also offered 1947 summer term.)
 Psychology 196x—same as psychology 196, but offered fall term. Morning.

THIRD GROUP *

- 201 *Seminar: Advanced General Psychology* (3) Tuthill
 General review of the field for graduate students with an intensive study of selected problems. Required in all graduate programs. Saturday morning.
- 202 *Psychological Research Methods and Procedures* (3)
 Required of all Master of Arts candidates in psychology. Prerequisites: Experimental Psychology and Statistics. Saturday morning.
- 203-4 *Research in Psychology* (3-3) The Staff
 Individual research by student, carried out under supervision of staff member. Time to be arranged. (Also offered 1947 summer term.)
- 205-6 *Field Work in Psychology* (3-3) The Staff
 Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Time to be arranged.
- 207-8 *Readings in Psychology for Graduate Students* (3-3) The Staff
 Supervised readings with conferences on specified topics in psychology. Time to be arranged.

* Open only to graduate students with 18 or more credits in psychology, except by special permission of Instructor and Executive Officer of the Department.

- 212 *Seminar: Personality Evaluation* (3) Kendig
Evening.
- 213 *Seminar: Clinical Psychology* (3) Ives
An intensive study of some problems in the field of abnormal psychology. Evening. (Also offered 1947 summer term.)
- 218 *Structural Factors in Behavior* (3) Hunt
A study of the endocrine glands as they affect behavior. Offered in 1948-49 and alternate years.
- 223-24 *Seminar: Psychology of Learning* (3-3) Fehrer
Fall term: experimental facts of learning. Winter term: theories of learning and conditioning. Evening.
- 226x *Seminar: Clinical Psychology of Childhood* (3) Taub
A study of behavior problems, personality disturbances, and mental disorders of children. Afternoon.
- 227 *Seminar: Educational and Vocational Guidance* (3) Dreese
An introduction to the techniques of educational and vocational guidance and the application of these procedures in various types of guidance agencies. Prerequisite: Educational or psychological measurements. Evening. (Also offered 1947 summer term.)
- 228 *Seminar: Techniques of Counseling* (3) Dreese
A detailed study of counseling techniques and the types of counseling problems likely to confront teachers, employee counselors, vocational counselors, and veterans' advisers. Prerequisite: Psychology 227 or the equivalent. Evening.
- 229x *Seminar: Occupational and Educational Information* (3) ———
Designed to acquaint vocational and educational counselors with the basic occupational and educational information necessary in counseling. Sources of data and techniques of collecting, analyzing, and disseminating for purposes of guidance. Evening.
- 230 *Seminar: Organization of Guidance and Counseling Programs* (3)
Summer term 1947.
- 231 *Test Construction and Test Theory* (3) Hunt
The principles underlying test construction; statistical techniques in the construction, evaluation, and standardization of psychological, educational, and vocational tests. Prerequisites: a course in tests and measurement and a course in statistics. Evening.
- 232 *Research: Test Construction* (3) Hunt
Individual projects in construction and evaluation of psychological, educational, or vocational tests. Prerequisite: Psychology 231. Time to be arranged.

Courses of Instruction

- 233 *Individual Psychological Testing* (3)
Instruction and practice in giving of the Binet test, Wechsler-Bellevue Test, and other individual psychological tests. Prerequisite: an elementary course in tests and measurements. Material fee, \$2.00.
Afternoon.
- Psychology 233x—same as Psychology 233, but offered winter term.
Afternoon.
- 242x *Seminar: Psychological Principles of Personnel Management* (3) Leatherman
A study of the applications of psychology to various personnel procedures, for those interested in either government or industrial personnel work. Prerequisite: Psychology 144 or the equivalent. Evening.
- 255x *Seminar: Techniques of Opinion and Attitude Measurement* (3) Tuttle
Methods of attitude measurement (interviews, questionnaires, scales, polls) as currently used by private and governmental investigators. The place of attitude studies in schools, industry, government, etc.
Evening.
- 299-300 *Thesis* (3-3) The Staff

RELIGION

Lawrence Daniel Folkemer, Ph.D., *Associate Professor of Religion*
 _____, *Assistant Professor of Religion*
 _____, *Lecturer in Religion*

FIRST GROUP

- | | | |
|----|--------------------------------------|----------|
| 9 | <i>Old Testament</i> (3)
Morning. | Folkemer |
| 10 | <i>New Testament</i> (3)
Morning. | Folkemer |

SECOND GROUP

- | | | |
|--------|---|----------|
| 101-2 | <i>History of Religions</i> (3-3)
Morning. | Folkemer |
| 121-22 | <i>Philosophy of Religion</i> (3-3)
Time to be arranged. | _____ |
| 191-92 | <i>Readings in Religious Literature</i> (3-3)
Time to be arranged. | _____ |

ROMANCE LANGUAGES AND LITERATURES

Henry Grattan Doyle, A.M., *Professor of Romance Languages*
 Merle Irving Protzman, Ph.D., *Professor of Romance Languages*
 Louis Clark Keating, Ph.D., *Professor of Romance Languages, Executive Officer*

Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*
 Irene Cornwell, Ph.D., *Associate Professor of French*
 Antonio Alonso, A.M., *Associate Professor of Spanish*
 Carey DeWitt Eldridge, Ph.D., *Assistant Professor of Romance Languages*

Alberto Vázquez, Ph.D., *Lecturer in Spanish American Literature*
 Georgette DuPuy Caskie, L.-ès.-L., *Instructor in Romance Languages*
 Jacqueline Chevallaz, A.M., *Instructor in French*
 Nicola Cerni, Jr., A.B., *Instructor in Spanish*
 Rafael Supervia, Doctor en Derecho, *Instructor in Spanish*
 Elizabeth Uelsmann, A.M., *Instructor in Spanish*
 Felicia Miller, A.B., *Instructor in Spanish*
 José Sylvado Bueno, A.M., *Associate in Portuguese*
 Roberto Daniel Melendez, A.B., *Associate in Spanish*

The majors.—The Department of Romance Languages offers three majors administered under the held-of-study plan, and provides proseminars intended to assist the student in preparing himself for the respective major examinations. These are: (1) a *Major in French Literature* (proseminar: French 199-200); (2) a *Major in Spanish Literature* (proseminar: Spanish 199-200); and (3) a *Major in Spanish American Literature* (proseminar: Spanish 197-98). The members of the staff in charge of the respective proseminars are designated as advisers in the respective fields. In these majors, emphasis will be laid upon the political, social, and cultural background of the literature studied, as well as upon writers and their works. A reasonable proficiency in the spoken language will be required. For further details, see the pamphlet on the subject or consult the Executive Officer of the Department or the appropriate adviser.

FRENCH

FIRST GROUP

- †1-2 *First-Year French* (3-3) Protzman, Cornwell, and Staff
 For beginners. Grammar, composition, drill in pronunciation, translation of modern French prose. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
 French 1x—same as French 1, but offered winter term. Morning and evening sections.
 French 2x—same as French 2, but offered fall term. Morning and evening sections.

1-2x *First-year French* (accelerated) (6) Protzman
Same as French 1-2, but full year given in fall term on an accelerated basis. Morning.

†5-6 *Second-year French* (3-3) Deibert and Staff
Advanced grammar and composition, reading in modern French prose, oral practice, introduction to French civilization. Prerequisite: French 1-2 or two years of high school French. Morning and evening sections. (Also offered 1947 summer term.)

French 5x—same as French 5, but offered winter term. Morning and evening sections.

French 6x—same as French 6, but offered fall term. Morning and evening sections.

5x-6 *Second-year French* (accelerated) (6) Protzman
Same as French 5-6, but full year given in the winter term on an accelerated basis. Morning.

SECOND GROUP

French 5-6 or the equivalent is prerequisite to all second-group courses in French.

†109-10 *Conversation and Composition* (3-3) Caskie
Morning and evening sections. (Also offered 1947 summer term.)

119-20 *Literature of the Sixteenth Century* (3-3) Keating
Prose, poetry, drama, and memoirs of the French Renaissance; Rabelais, Montaigne, Marot, La Pléiade, etc. Class analysis of texts, collateral reading. Recommended: History 120. 1947-48 and alternate years, morning.

121-22 *Literature of the Seventeenth Century* (3-3) Protzman
History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Class analysis of texts; collateral reading. Evening.

123-24 *Literature of the Eighteenth Century* (3-3) Deibert
History, philosophy, criticism, letters, drama, fiction, poetry, the "salons", the idea of progress, the idea of science. Class analysis of texts, collateral reading, lectures on literature and history. 1947-48 and alternate years, evening.

125-26 *Literature of the Nineteenth Century* (3-3) Keating
Romanticism and realism: fiction, poetry, drama, criticism. Class analysis of texts, collateral reading, lectures on literature and history. 1948-49 and alternate years, morning.

127-28 *Literature of the Twentieth Century* (3-3) Keating
Fiction, poetry, drama, criticism. Class analysis of texts, collateral reading, lectures on literature and history. Morning.

129-30 *French Drama* (3-3) Protzman
Studies of the principle dramatic movements and theories from the origins to the present, with class analysis of representative plays and individual reports to the class on supplementary plays. Morning.

- 131-32 *History of French Civilization* (3-3) Cornwell
The social, artistic, and cultural background of French civilization.
Lectures, recitations, and informal discussions. Morning.
- 135 *The Modern Novel* (3) Keating
An intensive study of the characteristic novels of the nineteenth and
twentieth centuries. Lectures, collateral reading, class discussion.
Summer term 1947.
- 136 *The Modern Drama* (3) Protzman
Reading, analysis, and discussion of typical plays and dramatic trends
of the nineteenth and twentieth centuries. Lectures, collateral read-
ings, class discussion.
Summer term 1947.
- 199-200 *Proseminar: Readings for the Major in
French Literature* (3-3) Protzman
Conferences and group discussions. Afternoon.

THIRD GROUP

- 227-28 *Seminar in Modern French Literature* (3-3) Keating
Prerequisite: a second-group course in French literature.
and alternate years. 1947-48
- 249-50 *Old French** (3-3) Doyle
Phonology and morphology of Old French, with an outline of its de-
velopment through Vulgar Latin; survey of French literature to the
end of the thirteenth century. Prerequisite: a second-group course in
French literature; an elementary knowledge of Latin. Time to be
arranged.
- 251-52 *Middle French** (3-3) Doyle
French literature of the fourteenth and fifteenth centuries. Class an-
alysis of texts; collateral reading. Prerequisite: a second-group course
in French literature. Knowledge of Old French desirable. Time to
be arranged.
- 299-300 *Thesis* (3-3) The Staff

PORTUGUESE

FIRST GROUP

- †1-2 *First-year Portuguese* (3-3) Bueno
For beginners. Grammar, composition, drill in pronunciation, trans-
lation of modern Portuguese prose. Evening.

* Only one of the following courses: French 249-50, French 251-52, and Spanish 249-50
will be given in 1947-48, depending on the demand.

†5-6 *Second-year Portuguese (3-3)*

Bueno

Advanced grammar and composition, reading of modern Portuguese prose, oral practice, introduction to Portuguese and Brazilian civilization. Prerequisite: Portuguese 1-2 or the equivalent. Evening.

SECOND GROUP

Portuguese 5-6 or the equivalent is prerequisite to all second-group courses in Portuguese.

127-28 *Portuguese and Brazilian Literature (2-2)*

Evolution of the Portuguese language; outline of the literature of Portugal (fall term) and Brazil (winter term). Lectures, readings, written reports. Conducted in Portuguese. (Not offered in 1947-48.)

SPANISH

FIRST GROUP

1-2 *First-year Spanish (3-3)*

Protzman and Staff

For beginners. Grammar, composition, drill in pronunciation, translation of modern Spanish prose. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)

Spanish 1x—same as Spanish 1, but offered winter term. Morning and evening sections.

Spanish 2x—same as Spanish 2, but offered fall term. Morning and evening sections.

1-2x *First-year Spanish (accelerated) (6)*

Eldridge

Same as Spanish 1-2, but full year given in fall term on an accelerated schedule. Morning.

5-6 *Second-year Spanish (3-3)*

Alonso and Staff

Advanced grammar and composition, reading of modern Spanish prose, oral practice, introduction to Latin American civilization. Prerequisite: Spanish 1-2 or two years of high school Spanish. Morning and evening sections. (Also offered 1947 summer term.)

Spanish 5x—same as Spanish 5, but offered winter term. Morning and evening sections.

Spanish 6x—same as Spanish 6, but offered fall term. Morning and evening sections.

5x-6 *Second-year Spanish (accelerated) (6)*

Eldridge

Same as Spanish 5-6, but full year given in winter term on an accelerated schedule. Evening.

SECOND GROUP

Spanish 5-6 or the equivalent is prerequisite for all second-group courses in Spanish.

109-10 *Conversation and Composition (3-3)*

Alonso

Morning and evening sections. (Also offered 1947 summer term.)

111-12 *Commercial Spanish (3-3)*

Meléndez

Evening.

- 121-22 *Spanish Literature of the Golden Age (3-3)* Alonso
Cervantes, Lope de Vega, Calderón; the classic drama, fiction, the ballad, lyric poetry. Class analysis of texts, collateral reading, lectures on literature and history. Morning and evening sections.
- 123-24 *Cervantes (3-3)* Doyle
Life and works of Cervantes. The Quixote, the Novelas Ejemplares, and other works. Offered in 1948-49 and alternate years, morning.
- 125-26 *Modern Spanish Literature (3-3)* Alonso
Prose and poetry of the eighteenth and nineteenth centuries. Class analysis of texts, collateral reading, lectures on literature and history. Morning.
- 127-28 *Contemporary Spanish Literature (3-3)* Supervia
Prose and poetry of the latter part of the nineteenth and of the twentieth centuries. Class analysis of texts, collateral reading, lectures on literature and history. 1947-48 and alternate years, morning.
- 129-30 *The Spanish American Novel (3-3)* Vázquez
Development of the novel in Spanish America. Lectures, collateral reading, and class analysis of texts. Summer term 1947.
- 131-32 *History of Spanish Civilization (3-3)* Supervia
The social, artistic, and cultural background of Spanish civilization. Lectures, recitations, and informal discussion. Morning.
- 135 *The Modern Novel in Spain (3)* Supervia
An intensive study of contemporary novels, novelists, and their backgrounds. Lectures, collateral reading, class discussion. Summer term 1947.
- 136 *The Modern Drama in Spain (3)* Alonso
A study of selected plays with an appreciation of their literary significance. Lectures, collateral reading, class discussion. Summer term 1947.
- 137-38 *Spanish American Literature: South America (3-3)* Vázquez
Development of the literature of the Spanish-speaking countries of South America. Lectures, collateral reading, and class analysis of important works. 1948-49 and alternate years, evening.
- 139-40 *Spanish American Literature: The Caribbean Area (3-3)* Vázquez
Development of the literatures of the Spanish-speaking countries of Central America, the West Indies, and Mexico. Lectures, collateral reading, and class analysis of important works. 1947-48 and alternate years, evening.

- 141-42 *The Modernista Movement in Latin America* (3-3) Vázquez
A study of the personalities, works, and trends of this movement.
Summer term 1947.
- 197-98 *Proseminar: Readings for the Major in Spanish American Literature* (3-3) Vázquez
Conferences and group discussions. Time to be arranged.
- 199-200 *Proseminar: Readings for the Major in Spanish Literature* (3-3) Alonso
Conferences and group discussions. Afternoon.

THIRD GROUP

- 225-26 *Seminar in Spanish Literature* (3-3) Alonso
Prerequisite: a second-group course in Spanish literature. 1947-48 and alternate years. The topic for 1947-48 is the modern Spanish novel. Time to be arranged.
- 227-28 *Seminar in Spanish American Literature* (3-3) Vázquez
Prerequisite: a second-group course in Spanish American literature. (Not offered in 1947-48.)
- 249-50 *Old Spanish** (3-3) Doyle
Literature and philology: *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc.; Menéndez Pidal's *Manual elemental de gramática histórica española* and Ford's *Old Spanish Readings*. Prerequisite: a second-group course in Spanish literature; an elementary knowledge of Latin. Time to be arranged.
- 299-300 *Thesis* (3-3) The Staff

* Only one of the following courses: French 249-50, French 251-52, and Spanish 249-50 will be given in 1947-48, depending on the demand.

SECRETARIAL STUDIES

Dorothy Helene Veon, A.M., Ed.D., *Assistant Professor of Secretarial Studies, Executive Officer*

Mary Winifred Cox, A.M., *Associate in Secretarial Studies*

June Elizabeth Ayers, A.B., *Associate in Secretarial Studies*

Requirements for the degree of Associate in Arts in Secretarial Studies.—See page 61.

FIRST GROUP

- 1 Elementary Typewriting (2)**
Fundamentals of typewriting, styles of business letters and forms, principles of tabulation, and machine dictation. Laboratory fee, \$4.50. Morning and evening sections.
Secretarial Studies 1x—same as Secretarial Studies 1, but offered winter term. Evening.

Veon, Ayers
- 2 Intermediate Typewriting (2)**
The business letter and its arrangement, advanced tabulation, manuscript typing, office forms, stencil cutting, and legal documents. Prerequisite: Secretarial Studies 1 or the equivalent; ability to type accurately at 30 words a minute. Laboratory fee, \$4.50. Morning and evening sections.
Secretarial Studies 2x—same as Secretarial Studies 2, but offered fall term. Evening.

Veon, Ayers
- 11 Elementary Shorthand and Transcription (4)**
A functional study of the principles of Gregg shorthand correlating dictation and transcription. Minimum dictation speed of 60 words a minute attained. Laboratory fee, \$1.50. Morning and late afternoon sections.

Veon
- 12 Intermediate Shorthand and Transcription (4)**
Review of the principles of Gregg shorthand; dictation and transcription on general and specialized business subjects. Minimum dictation speed of 80 words a minute attained. Prerequisite: Secretarial Studies 11 or the equivalent; ability to take dictation at 60 words a minute. Laboratory fee, \$1.50. Morning and late afternoon sections.

Veon
- 15 Advanced Shorthand, Transcription, and Typewriting Problems (3)**
Emphasis on speed and accuracy. Minimum speed of 100 words a minute attained in dictation. Prerequisite: Secretarial Studies 12 or the equivalent; ability to take dictation at 80 words a minute and to transcribe accurately; ability to type 50 words a minute. Laboratory fee, \$1.50. Evening.

Cox

16 *Secretarial Shorthand and Transcription*

(3)

Dictation and transcription involving vocabularies used in specific businesses and professions. *Minimum* dictation speed of 120 words a minute attained. Prerequisite: Secretarial Studies 15 or the equivalent; ability to take dictation at 100 words a minute and to transcribe accurately; ability to type 55 words a minute. Laboratory fee. \$1.50. Evening.

51-52 *Business Communication (3-3)*

Veon

The technique of communication forms with reference to business letters, reports, office manuals, market analysis, advertising copy, etc. Survey of current business literature. Prerequisite: English 1 and 2. Evening.

54 *Secretarial Practice (3)*

Veon

Training in secretarial duties and in the use of secretarial equipment and supplies. Actual office experience involving the taking of dictation and the transcribing of various materials; composing business letters, reports, and other forms; preparing bills, statements, financial forms, and statistical records; modern filing systems. Special adaptation made for the medical secretary. Prerequisite: Secretarial Studies 15 and 51; Business Administration 51; or the equivalent. Time to be arranged.

SOCIOLOGY

Harold Loran Geisert, Ph.D., *Professor of Sociology, Executive Officer*
 James Francis Brown, Ph.D., *Professorial Lecturer in Sociology*
 Donald Elisha Vines Henderson, A.M., *Lecturer in Sociology*
 Julia Frances Heuck, A.M., M.S. in S.W., *Lecturer in Sociology*

The major.—Prerequisite: Sociology 27 and 28. Required: Sociology 172 and 181 and 18 hours elective in sociology or closely related fields or departments, if specifically approved in advance by the Department of Sociology.

FIRST GROUP

27 *Organization of Society** (3)

The origin and development of culture, man's social nature, types of groups and social institutions, social processes, social change, and social control. Morning and evening sections. (Also offered 1947 summer term.)

Sociology 27x—same as Sociology 27, but offered winter term. Morning and evening sections.

28 *Problems of Society* (3)

The factors producing social change and social disorganization; an analysis of the problems arising from the disorganization of the individual and the family. Morning and evening sections. (Also offered 1947 summer term.)

SECOND GROUP

121 *Educational Sociology* (3)

The relation of the school to the community, the sociology of the school child, school culture, social control in the school, sociological principles in the construction of the curriculum. Evening.

125 *Rural Sociology* (3)

The origin and development of rural culture, types of rural communities, rural social institutions, social processes in rural life; present rural problems and rural planning.

Summer term 1947.

126 *Urban Sociology* (3)

Types of cities; their origin, growth, social structure, comparative functions, and problems; urban personalities and institutions; urbanization and social control; city planning. Morning. (Also offered 1947 summer term.)

127 *Community Organization* (3)

The study of social interaction in American communities; factors making for disorganization; instances of successful cooperation and methods used by community leaders to organize social forces to meet community needs. Evening.

* Sociology 27 is prerequisite to all other courses in sociology.

- 133 *The Family* (3) Henderson
A study of the modern family, changing functions and roles of the family and its members, factors promoting disorganization, measures seeking to preserve the socially valuable functions of family life. Evening. (Also offered 1947 summer term.)
- 134 *Child Welfare* (3) Heuck
The socialization of the child through the home, play group, and school; the physically handicapped child; dependent children; child labor; juvenile delinquency. Time to be arranged.
- 136 *Criminology* (3) Henderson
The nature and distribution of crime; causes of criminal behavior, the machinery of justice, types of treatment; recidivism, rehabilitation, crime prevention programs. Evening. (Also offered 1947 summer term.)
- 141 *Population* (3) Geisert
The nature and composition of population; theories of population growth; qualitative and quantitative differences in population groups; population programs and planning. Morning.
- 164 *Social Control* (3)
Informal and formal phases of human control; analysis of methods of control used in modern society and the situations in which they occur; policies and techniques of control. Morning.
- 172 *Contemporary Social Theory* (3) Geisert
A systematic study of the important schools of contemporary sociology, including recent European as well as American developments, and an evaluation of the scientific contribution of each school. Evening.
- 181 *Methods of Social Research* (3) Geisert
An analysis of social research techniques and the scientific method; the application of the case study, social survey, statistical, and experimental methods to social data. Afternoon.

THIRD GROUP

- 281-82 *Research* The Staff
Time and credits to be arranged.
- 299-300 *Thesis* (3-3) The Staff

SPEECH

*Henry Goddard Roberts, A.M., *Associate Professor of Speech*
 Lubin Poe Leggette, A.M., *Associate Professor of Speech, Executive Officer*

Calvin Weir Pettit, Ph.M., *Assistant Professor of Speech*
 Edwin Lockwood Stevens, A.M., *Assistant Professor of Speech*
 George Francis Henigan, Ph.M., *Assistant Professor of Speech*
 Walter Byron Emery, LL.B., Ph.D., *Lecturer in Speech*
 Edward Perkins Mangum, A.M., *Instructor in Speech*
 Natalie Evelyn White, Ph.D., *Instructor in Speech*

The major in public speaking.—Prerequisite: Speech 1, 2, 11. Required: twenty-four credit hours including Speech 108, 121, 145-46, 191-92. Recommended in addition: English 125; Journalism 111-12; Philosophy 111-12, 121, 162; Psychology 151.

The major in theatre.—Prerequisite: Speech 1, 11, 12. Required: twenty-four credit hours including Speech 111-12, 115-16, 163, 164, 165-66. Recommended in addition: English 135-36, 175, 183-84.

FIRST GROUP

- 1 *Principles of Effective Speaking* (3) The Staff
 Preparation and delivery of short informative speeches; developing confidence and poise, body and voice control; selecting and organizing material. Recording fee, \$1.50. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
 Speech 1x—same as Speech 1, but offered winter term. Morning and evening sections.
- 2 *Persuasive Speaking* (3) The Staff
 Special emphasis is placed on elementary principles of persuasion, the preparation and delivery of persuasive speeches. This course is a continuation of Speech 1, which is prerequisite. Recording fee, \$1.50. Morning and evening sections. (Also offered 1947 summer term.)
 Speech 2x—same as Speech 2, but offered fall term. Morning, afternoon, and evening sections.
- 11 *Training the Speaking Voice* (3) The Staff
 Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English, and the standards of speech. Class instruction in the problems of rate, volume, pitch, and quality. Recording fee, \$1.50. Morning, afternoon, and evening sections. (Also offered 1947 summer term.)
 Speech 11x—same as Speech 11, but offered winter term. Morning and evening sections.

* On leave of absence 1947-48.

12 Oral Reading (3)

Leggette, White

Reading to others: theory and practice in the problems of interpreting the printed page. Prerequisite: Speech 11 or the permission of the instructor. Recording fee, \$1.50. Morning and evening sections. Speech 12x—same as Speech 12, but offered fall term. Morning and evening sections.

42x Parliamentary Law (3)

Emery

The correct procedure in forming an organization and in conducting its meetings in an orderly and business like manner. Evening.

69 Introductory Theatre Practice (3)

Mangum

General course in the practical arts of the theatre. Lectures and practical work in the workshop and in public performances. This course replaces Speech 61-62 and 65-66 and is not open to students who have credit in either of these courses. Laboratory fee, \$2. Evening.

Speech 69x—same as Speech 69, but offered winter term. Evening.

71-72 Speech Clinic

Pettit

Individual or group lessons, without academic credit, for such speech difficulties as lisping, cleft palate, articulatory problems, and stuttering. Fee: for individual lesson, \$5; for group lesson, \$3. Time to be arranged. (Also offered 1947 summer term.)

SECOND GROUP**101x Introduction to Phonetics (3)**

Pettit and Staff

The fundamental and critical analysis of the sound system of the English language. Attention to comparative phonetics and standards of pronunciation. Required of all Speech majors. Recording fee, \$1.50. Morning.

102 Oral Interpretation of Literature (3)

White

Theory and practice in the problems of communicating meaning and emotion. Selections for study include poetry and prose. Prerequisite: Speech 12 or permission of the instructor. Recording fee, \$1.50. Morning and evening sections.

108 Speeches for Special Occasions (3)

Stevens

The preparation and presentation of speeches of introduction, presentation, acceptance, welcome, nomination, and eulogy. Prerequisite: Speech 1, 2. Morning.

109 Radio Speaking (3)

Stevens

Radio speeches, interviews, and discussions; news commentation and reporting; plays. Prerequisite: Speech 12 or the permission of the instructor. Recording fee, \$3. Evening.

111-12 Acting (3-3)

White

Study and practice in the fundamentals of acting technique: body movement, basic expression, and character analysis; interpretation, make-up. Prerequisite: Speech 11, 12. Prerequisite to Speech 112: Speech 111. Laboratory fee, \$2 a term. Afternoon.

115-16 Stagecraft (3-3)

Mangum

Application of the principles through assignments in the workshop and backstage during performance. Fall term: stage scenery, construction, painting, and rigging; elementary design including floor plans and working drawings of scenery. Winter term: stage lighting and equipment, properties, costumes, and stage management. Speech 115 is prerequisite to Speech 116. Laboratory fee, \$2 a term. Afternoon.

121 Argumentation and Debate (3)

Henigan

The methods of influencing the beliefs or actions of others by means of reasoned discourse; practice debates on problems and on public questions. Prerequisite: Speech 1, 2. Evening.

Speech 121X—same as Speech 121, but offered winter term. Morning.

131 Group Discussion and Conference Leadership (3)

Stevens

The process of thinking and problem solving in committees and small groups, and the methods of leading discussions and conferences. Prerequisite: six credit hours of speech or the permission of the instructor. Afternoon.

134 Business Interviews and Speeches (3)

Leggette

Organization and presentation of facts and opinions for interviews, the use of interviews to obtain information. Reports, sales talks, and discussions. (Not offered in 1947-48.)

145-46 English and American Orators and Oratory (3-3)

Emery

Fall term: a survey of English orators and oratory; winter term: a survey of American orators and oratory from colonial days to recent times. Prerequisite: six credit hours of speech. Offered 1947-48 and alternate years. Evening.

163 Play Production (3)

Mangum

Fundamentals of play production, aesthetic distance, unity, emphasis, rhythm, tempo, balance, stage business and character portrayal, problems of play selection, preparation, and staging. Students will direct short scenes. Admission by permission of the instructor. Laboratory fee, \$2. Evening.

164 Play Direction (3)

Mangum

Preparing the public performance. Under the supervision of the instructor, each student will produce a one-act play and will prepare a detailed textual study of a full length contemporary play. Lectures and round table discussion of the director's problems at each stage of the process. Prerequisite: Speech 163. Laboratory fee, \$5. Evening.

165-66 History of the Theatre (3-3)

Leggette

A general survey of the rise of the theatre, the Classical, Medieval, Renaissance, later English and Continental, and Modern theatre. Admission by permission of the instructor. (Not offered in 1947-48.)

171 Speech Correction (3)

Pettit

A study of the disorders of speech including work in the diagnosis and treatment of defective speech. Prerequisite: Speech 11 and 101 or permission of the instructor. Recording fee, \$3. Afternoon.

172 Clinical Practice (1)

Pettit

Case work in remedial speech. Prerequisite or concurrent registration: Speech 171. Time to be arranged.

191-92 History of the Theory of Public Speaking (3-3)

Roberts

Classical and English rhetorical theory, including the works of Aristotle, Cicero, Quintilian, Longinus, Wilson, Campbell, Blair, and Whately. Prerequisite: nine credit hours of speech. (Not offered in 1947-48.)

and non-normal populations. Tests of independence, likeness, and goodness of fit. Prerequisite: Statistics 115-16. Evening. (Also offered 1947 summer term.)

†155-56 *Mathematical Probability* (3-3)

Definitions, enumeration of cases, total and compound probability, repeated trials, Bayes' theorem and postulate, Bernoulli's theorem and its experimental verification, mathematical expectation, law of large numbers and its applications. Prerequisite: Mathematics 20 and Statistics 115-16. Evening. Weida

†157-58 *Mathematical Statistics* (3-3)

Statistics as a science, types of problems, relative frequency and probability, binomial and multinomial distributions, Pearson system of curves, Gram-Charlier series, Cauchy distribution, correlation by regression method, Lexis theory of dispersion, generating functions, simple sampling theory, moments and semi-invariants. Prerequisite or concurrent registration: Statistics 155-56. Evening. Kullback

159 *Calculus of Observations* (3)

Interpolation; finite differences; least squares and theories of error; method of iteration; numerical differentiation and integration; numerical solution of algebraic, transcendental, differential, and integral equations; errors of observation; practical Fourier analysis; empirical formulas; and curve fitting. Prerequisite or concurrent registration: Statistics 155-56. 1948-49 and alternate years. Morrow

160 *Quality Control Techniques* (3)

Characteristics; scientific basis; reduction in cost of inspection, rejections, and tolerance limits; quality as an attribute; distribution of quality characteristics; laws basic to control; statistical and maximum control; detection of lack of control. Prerequisite: Statistics 157-58. 1948-49 and alternate years. Morrow

†197-98 *Statistical Mathematics** (3-3)

Matrix algebra, quadratic forms, contour integration, measure theory, Stieltjes integration, Cauchy theory of residues, n -dimensional geometry in flat spaces. Prerequisite: Mathematics 138 or the equivalent. Evening. Weida

†199-200 *Proseminar: Theoretical and Applied Statistics* (3-3)

In addition to the study of recent advances in statistical methods, this course is designed to coordinate the content of the baccalaureate major. Admission by permission of the instructor. Time to be arranged.

THIRD GROUP*

201 *Design of Experiments* (3)

Relative merits of random, repeated, stratified, and double sampling; Fisher-Pitman method of randomization; randomized blocks; Latin squares; factorial design; confounding, partial confounding. Evening.

* Statistics 197-98 is prerequisite to all third-group courses except Statistics 205-6.

202 *Theory of Estimation and Testing Hypotheses (3)*

Statistical hypotheses; maximum likelihood estimate; Markoff's best estimate; Neyman-Pearson theory of testing hypotheses; Bayes' theory; consistent, efficient, and sufficient statistics; theory of confidence intervals. Evening. (Also offered 1947 summer term.)

†203-4 *The Theory of Econometrics (3-3)* Johnson

Statistical methods applied to the analysis of production, supply, and demand; utility and disutility; interest and taxation; exchange. Stress is placed on the interpretation of results in terms of probability. Correlation and regression of time series. 1948-49 and alternate years.

205-6 *Advanced Business and Economic Statistics (3-3)* Johnson

Application of statistical methods to specific problems utilizing case method insofar as possible. Emphasis is placed on source materials, role of statistical methods, techniques of analysis, interpretation and presentation of results. Original work is required of each student. Prerequisite: Statistics 112 or the equivalent. Evening.

†257-58 *Advanced Mathematical Statistics (3-3)* Weida

Mathematical basis of distribution functions, moments and cumulants, probability and likelihood, sampling distributions exact and approximate, Chi-square distribution, association and contingency, various conceptions of correlation, individual difference problem, time series, regression analysis, analysis of variance, theories of inference. Evening.

†259-60 *Advanced Mathematical Probability (2-2)* Weida

Modern theories and asymptotic laws; elementary theory of definite integration; limit theorems in probability; the contributions of Cramer, Frechet, Kolmogoroff, Khintchine. Prerequisite: Statistics 257-58 or the equivalent. 1948-49 and alternate years.

†263-64 *Statistical Inference (2-2)* Weida

Sample space; methods for estimating population parameters; fiducial inference and its application to testing hypotheses; valid, efficient, and exact estimation; Student distribution; variance distribution; sampling statistics, i.e., moments and cumulants used as estimates of population parameters and used to test hypotheses. Prerequisite or concurrent registration: Statistics 259-60 or the equivalent. 1948-49 and alternate years.

†265-66 *Multivariate Analysis (2-2)* Kullback

Tests of significance, generalized variance and covariance, tests of independence, canonical and vector correlations, multivariate normal distribution, generalized Student's ratio, problems of estimation, applications to factor analysis. 1947-48 and alternate years. Evening

†267-68 *Characteristic Functions* (2-2)

Fourier integrals, set functions, inversion formulas, limit theorems, applications to the distribution problem in statistics. (Offered in 1948-49.)

Kullback

†269-70 *Sequential Testing* (1-1)

Efficiency of sequential tests, sequential probability ratio test, expected number of observations necessary for a decision, truncated sequential analysis, sequential tests of single and composite hypotheses. (Not offered in 1947-48.)

Morrow

297-98 *Reading and Research* (3-3)

Admission by permission of the instructor. Time to be arranged.

The Staff

299-300 *Thesis* (3-3)

Time to be arranged.

The Staff

SURGERY

- Brian Blades, A.B., M.D., *Professor of Surgery, Executive Officer*
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*
 William Berry Marbury, M.D., *Clinical Professor of Surgery*
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*
 Donald Harrison Stubbs, A.M., M.D., *Clinical Professor of Anesthesiology*
 Lloyd Harvey Mousel, M.S., M.D., *Clinical Professor of Anesthesiology*
 John Hugh Lyons, M.S., M.D., *Clinical Professor of Surgery*
 Vincent Michael Iovine, B.S., M.D., *Adjunct Clinical Professor of Surgery*
 Donald Brian Effler, A.B., M.D., *Adjunct Clinical Professor of Surgery*
 Wallace Harry Graham, B.S., M.D., *Professorial Lecturer in Surgery*
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*
 William Warren Sager, M.S., M.D., *Associate Clinical Professor of Surgery*
 William Stanbro, M.D., *Assistant Professor of Radiology*
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*
 Alec Horwitz, M.S., M.D., *Assistant Clinical Professor of Surgery*
 Joseph Kreiselman, M.D., *Assistant Clinical Professor of Anesthesiology*
 William Stanley McCune, A.B., M.D., *Assistant Clinical Professor of Surgery*
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*
 Julius Salem Neviasser, A.B., M.D., *Associate in Surgery*
 William Ross Morris, M.D., *Associate in Surgery*
 Philip Pelland, M.D., *Associate in Surgery*
 Harold Walter Krogh, D.D.S., *Associate in Dental Surgery*
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*
 William Carey Meloy, M.D., M.S. in Med., *Associate in Surgery*
 Jerome Blaine Harrell, M.D., *Associate in Surgery*
 Edward Alexander Cafritz, M.D., *Associate in Surgery*
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery*
 Crenshaw Douglas Briggs, B.S., M.D., *Clinical Instructor in Surgery*
 William Wiley Chase, A.B., M.D., *Clinical Instructor in Surgery*
 Arthur James Mouro, B.S., M.D., *Clinical Instructor in Surgery*
 Joseph Francis Conlon, D.D.S., *Clinical Instructor in Dental Surgery*
 Otto Anderson Engh, A.B., M.D., *Clinical Instructor in Surgery*

Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*
 Richard Lee Jackson, M.D., *Clinical Instructor in Surgery*
 Leon Gerber, M.D., *Clinical Instructor in Surgery*
 Walter Henry Gerwig, Jr., M.D., *Clinical Instructor in Surgery*
 Leonard Theodore Peterson, A.B., B.S., M.D., *Clinical Instructor in Surgery*

Ted Beattie, M.D., *Clinical Instructor in Surgery*

Thomas Bradley, A.B., M.D., *Clinical Instructor in Surgery*

279-80 *General Surgery*

Dean, Harrell

Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week for twenty-eight weeks.

283 *Principles of Surgery*

The Staff

A clinical and laboratory course covering the fundamentals of surgery, including studies in inflammation, wound healing, etc. One hour laboratory and one hour in the clinics.

312 *Radiology and Radiotherapy*

Stanbro

One hour a week.

371-72 *General Surgery*

Richtmeyer, Riddick

Course of lectures and recitations covering surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. One hour a week.

373-74 *Ward Walks*

The Staff

Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger Hospital.

375-76 *Surgical Clinic*

Blades

Clinical teaching and demonstrations on the care of the various surgical diseases, with special emphasis on the pre- and post-operative management. Gallinger Hospital.

379-80 *Surgical Staff Conference*

The Staff

Gallinger Hospital. Bimonthly.

381-82 *Clinical Clerkship*

The Staff

The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger Hospital.

473-74 *Ward Walks and Clinics*

Lyons and Staff

Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Clinical teaching and demonstrations on the care of the various surgical diseases. Emergency Hospital.

478 *Orthopedics*

Hall

Etiology, pathology, symptomatology, and treatment of congenital and acquired diseases of the bones and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week.

- 481 *General Surgery* Blades
One hour a week.
- 483-84 *Dispensary Clinic* The Staff
Dispensary instruction in the principles and practice of surgery. Instruction of small groups is given in general surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University and Emergency hospitals.
- 485-86 *Special Problems in Surgery* Riddick, Dean
General surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post-operative complications. One hour a week.
- 488 *Surgical Clinic* The Staff
Demonstration to the entire class of the various surgical diseases. One hour a week.
- 489 *Surgical Anatomy* Horwitz
One hour a week.
- 491-92 *Surgical Pathology (elective)* Blades and Staff
The senior class in groups of ten may attend the meeting of the Tumor Board of the Staff of Walter Reed Hospital. Patients with all types of neoplasms are demonstrated and gross and microscopic studies of various neoplasms are shown. Three hours a week.
- 493-94 *Surgical Diseases of the Chest* Blades and Staff
(elective)
Patients with various diseases of the chest, including diseases of the lung, mediastinal, and esophagus are presented. The cases are followed from week to week and operative specimens and microscopic sections are demonstrated. Walter Reed Hospital. Three hours a week.

UROLOGY

Frederick A. Reuter, M.D., *Professor of Urology, Executive Officer*
 Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*
 Gilbert Ottenberg, A.M., M.D., *Associate in Urology*
 William Dabney Jarman, B.S., M.D., *Clinical Instructor in Urology*
 Edward Egner Ferguson, M.D., *Clinical Instructor in Urology*

491-92 *Urology*

Lectures covering the entire field of urology, including diagnosis, treatment, and morbid pathology. One hour a week. Reuter

493-94 *Clinics*

Clinical teaching and demonstrations on the care of urological cases with special emphasis on the pre- and post-operative management. Operative clinics and clinical teaching. Gallinger Hospital. The Staff

495-96 *Clinics*

Clinical demonstrations and teaching in the dispensary, with special attention given to diagnostic procedures. Emergency and University hospitals. One part of each section daily. Reuter and Staff

ZOOLOGY *

Donnell Brooks Young, Ph.D., *Professor of Zoology*
 Ira Bowers Hansen, Ph.D., *Professor of Zoology, Executive Officer*
 Edith Elizabeth Mortensen, Ph.D., *Assistant Professor of Zoology*
 Kenneth Caspar Kates, Ph.D., *Lecturer in Zoology*
 Lillian Martin Schadt, A.M., *Instructor in Zoology*

The major.—Prerequisite: Zoology 1-2. The student must at the end of his senior year exhibit a correlated knowledge of the following fields: (1) classification, structure, and ecological relations of animals, both invertebrate and vertebrate; (2) embryological development and life histories of important animal types; (3) general principles of physiology, heredity, and evolution; (4) the development of biological principles, hypotheses, and theories as revealed in the study of the history of zoology.

The student will obtain this knowledge in part by taking courses offered in these fields and in part by individual study under the direction of his adviser. For further details, see the pamphlet on this subject or consult the adviser.

Premedical students are required to take Zoology 1-2.

FIRST GROUP

1-2 *Introduction to Zoology* Young, Mortensen, Schadt
 (4-4)

An introduction to the study of the structure, functions, and relation of animals, and of the fundamental biological principles involved. Material fee, \$4.50 a term. Lecture (2 hours)—morning and evening sections; laboratory (4 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)

Zoology 2x—same as Zoology 2, but offered fall term. Morning.

†5-6 *Field Zoology* (3-3) Mortensen

Summer term 1948 and alternate summers. Material fee, \$2.50.

SECOND GROUP

101-2 *Invertebrate Zoology* (3-3) Mortensen

A systematic study of invertebrate forms, including the study of morphology, classification, life histories, and phylogenetic relationships. Occasional field trips. Prerequisite: Zoology 1-2 or Biology 1-2. Material fee, \$4.50 a term. Lecture (1 hour); laboratory (4 hours). 1947-48 and alternate years—afternoon. 1948-49 and alternate years—evening.

* See also the departments of Biology and Botany, pages 159-60 and 161-62.

- 105 Entomology (3)** Munsch
A study of the elementary morphology, physiology, and ecology of insects, with an introduction to the taxonomy of the more important groups. Prerequisite: Zoology 1-2, or the equivalent. Material fee, \$5. Morning. (Also offered 1947 summer term.)
- 134 Ornithology (3)** (No
The birds of eastern North America. Material fee, \$4.50. (Also offered in 1947-48.)
- 137 Histology (3)** Young
An introduction to the microscopical anatomy of normal tissues and organs. Prerequisite: Zoology 1-2. Material fee, \$6. 1947-48 and alternate years—evening. 1948-49 and alternate years—afternoon. (Also offered 1947 summer term.)
- 141-42 Comparative Vertebrate Anatomy (3-3)** Hansen
Lectures on the organ systems of the vertebrates; laboratory dissections of types. Prerequisite: Zoology 2. Material fee, \$6 a term. Lecture (1 hour)—afternoon and evening sections; laboratory (4 hours)—morning, afternoon, and evening sections. (Also offered 1947 summer term.)
- 144 Introduction to Vertebrate Embryology (3)** Hansen
The origin and early development of the individual and the formation of organ systems. Emphasis is placed on the frog, chick, and pig with reference to the human embryo. Prerequisite: Zoology 2, and 141 or 142. Material fee, \$6. Lecture (1 hour); laboratory (4 hours)—afternoon. (Also offered 1947 summer term.)
Zoology 144x—same as Zoology 144, but offered fall term. Evening.
- 147-48 Experimental Morphology (3-3)** Hansen
Lectures and class reports on experimental morphology. Prerequisite: Zoology 141-42 or the equivalent. 1948-49 and alternate years—evening.
- 152 Protozoa (3)** Mortensen
An introduction to the protozoa: classification, life histories, and physiology, with special emphasis on free-living types. Prerequisite: Zoology 1. Material fee, \$4.50. 1947-48 and alternate years. Lecture (1 hour), laboratory (4 hours)—evening.
- 156 Parasitology (3)** Kates
An introduction to the study of animal parasitology, with a survey of parasitic types from protozoa through arthropods. Prerequisite: Zoology 1-2 or the equivalent. Material fee, \$6. Evening.
- 171-72 Special Problems (3-3)** The Staff
Written approval of the instructor is required. Material fee, \$6 a term. Time to be arranged.
- 199-200 Proseminar (3-3)** The Staff
A course designed to correlate and supplement the work of zoology majors. Time to be arranged.

- 203-4 *Seminar in Invertebrate Zoology* (3-3) Mortensen
Time to be arranged.
- 251-52 *Seminar in Vertebrate Zoology* (3-3) Hansen
Time to be arranged.
- 253-54 *Research* The Staff
Investigation of special problems. Time and credits to be arranged.
(Also offered 1947 summer term.)
- 299-300 *Thesis* (3-3) The Staff

ALUMNI AND ALLIED ASSOCIATIONS

THE GENERAL ALUMNI ASSOCIATION

The objects of this Association are to unite the graduates in closer sympathy and to promote the general welfare of the University. The following persons are eligible for *active* membership: graduates of any college, school, or division of the University; holders of honorary degrees from the University; and members of the Board of Trustees and of the Faculty of the University. Any person who has matriculated, who has been in regular attendance for one year, and who has left the University in good standing, is eligible for *associate* membership.

The office of the Executive Secretary of the Association is situated on the first floor of Building N of the University. Alumni are urged to keep the Secretary informed of changes of address or occupation and to supply information with regard to their fellow alumni.

1947-48

President.—Alexander Wetmore, M.S. 1916, Ph.D. 1920, Sc.D. 1932 (A.B. 1912, University of Kansas); 204 Maple Avenue, Takoma Park, Md.

Vice Presidents:

Columbian College.—Elmer L. Kayser, A.B. and T.D. 1917, A.M. 1918 (Ph.D. 1932, Columbia University); 2921 34th Street, Washington, D. C.

Graduate Council.—Helen M. Dyer, M.S. 1929, Ph.D. 1935 (A.B. 1917, Goucher College); Apt. 302 C, Tilden Gardens, Washington, D. C.

School of Medicine.—William Earl Clark, M.D. 1904; 1835 I Street, Washington, D. C.

Law School.—Paul E. Shorb, LL.B. 1920 (A.B. 1917, University of North Dakota); 740 15th Street, Washington, D. C.

School of Engineering.—William J. Ellenberger, B.S. in E.E. 1930, B.S. in M.E. 1934; 6419 Barnaby Street, Washington, D. C.

School of Pharmacy.—William Paul Briggs, B.S. in Phar. 1928 (M.S. 1930, University of Maryland; Sc.D. 1947, Philadelphia College of Pharmacy and Science); 6600 7th Street, Washington, D. C.

School of Education.—May P. Bradshaw, A.B. in T.D. 1909, A.M. 1913; 1631 S Street, Washington, D. C.

School of Government.—John T. C. Daugherty, A.B. in Govt. 1940, LL.B. 1943; 1472 Belmont Street, Washington, D. C.

- Dental School*.—Sterling V. Mead, D.D.S. 1914; 1149 16th Street, Washington, D. C.
- Treasurer*.—Anna M. Bischoff, A.B. 1928; 2025 I Street, Washington, D. C.
- Executive Secretary*.—Lester Allan Smith, A.B. in L.S. 1932, A.M. in L.S. 1935; 1825 Ontario Place, Washington, D. C.
- Executive Committee*:
- Charles R. Allen, Ex-1920; Washington Loan and Trust Building, Washington, D. C.
- Vernon L. Brown, A.B. 1927 (M.B.A. 1941, New York University); 46 Cedar Street, New York City.
- Charles W. Cole, A.B. 1930, A.M. 1931, Ph.D. 1939; 4884 MacArthur Blvd., Washington, D. C.
- Thomas R. Edmonston, B.S. in C.E. 1937; 606 Pickwick Lane, Washington, D. C.
- Jessie Fant Evans (Mrs. Joshua Evans, Jr.), A.B. and T.D. 1913; Ed.D. 1932; 3405 Lowell Street, Washington, D. C.
- Lucile M. Herrick, A.M. 1938, Ed.D. 1942 (B.S. 1924, University of Minnesota, LL.B. 1934, Southeastern University); Veterans Administration, Washington, D. C.
- Dorothy S. Jaeger, M.D. 1939; 425 Greenbrier Dr., Silver Spring, Md.
- A. Grace Lind, A.B. and B.Dip. in Ed. 1927; 3373 Rittenhouse Street, Washington, D. C.
- Mrs. Nora McKirdy, Ex-1941; 1529 44th Street, Washington, D. C.
- Jesse C. Nixon, A.B. in Govt. 1933; 4215 Second Road, N., Arlington, Va.
- Clyde P. Reeves, M.D. 1933; 1028 Connecticut Avenue, Washington, D. C.
- William M. Sweet, D.D.S. 1918; 1835 I Street, Washington, D. C.
- William C. Thom, B.S. in C.E. 1904, C.E. 1905; 1346 Henlock Street, Washington, D. C.
- Bolon Turner, A.B. 1922, LL.B. 1922, LL.M. 1924; U. S. Tax Court, Washington, D. C.
- Frank H. Weitzel, A.B. 1931, LL.B. 1935; 2914 Tennyson Street, Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society, the organization of graduates of the School of Medicine, was established in 1905 and since 1926 has been affiliated with the General Alumni Association. The objects of the Society, as stated in the constitution, are "The promotion of the science and art of medicine and the welfare of the School of Medicine".

1947-48

President.—Clyde P. Reeves, M.D. 1933; 1028 Connecticut Avenue, Washington, D. C.

President-Elect.—James I. Boyd, A.B. 1923, M.D. 1926, M.S. 1927; Upper Marlboro, Md.

First Vice President.—Herbert S. Gates, M.D. 1923; 4480 Dexter Street, Washington, D. C.

Second Vice President.—Carolyn S. Pincock, A.B. 1931, M.D. 1934; 4000 16th Street, Washington, D. C.

Secretary-Treasurer.—Oscar B. Hunter, M.D. 1912, A.B. 1916, A.M. 1917; 1835 I Street, Washington, D. C.

Council:

William Earl Clark, M.D. 1904; 5220 Partridge Lane, Washington, D. C.

William M. Ballinger, A.B. 1921, M.D. 1924; 4923 Hillbrook Lane, Washington, D. C.

Fred A. J. Geier, M.D. 1925; 4948 Lowell Street, Washington, D. C.

Robert H. Harmon, M.D. 1929 (A.B. 1915, Millsaps College); 1150 Connecticut Avenue, Washington, D. C.

J. Burton Glenn, M.D. 1921; 2015 Q Street, Washington, D. C.

(Officers of the Society are ex officio members of the Council.)

THE GEORGE WASHINGTON LAW ASSOCIATION

The George Washington Law Association, the organization of graduates of the Law School, was founded in 1912 and has been affiliated with the General Alumni Association since 1926. Its purposes as stated in the constitution are to promote high standards of legal education, to keep the alumni of the Law School in closer touch with one another and especially with members of their own classes, to gather and publish at intervals information as to the whereabouts and activities of these alumni, and to further the interests of the Law School.

1947-48

President.—Charles R. Allen, Ex-1920; Washington Loan and Trust Building, Washington, D. C.

First Vice President.—Frank H. Weitzel, A.B. 1931, LL.B. 1935; 2914 Tennyson Street, Washington, D. C.

Second Vice President.—George E. Monk, A.B. 1928, LL.B. 1930, LL.M. 1934; Colorado Building, Washington, D. C.

Third Vice President.—John W. Jackson, LL.B. 1932; Woodward Building, Washington, D. C.

Secretary-Treasurer.—Carleton U. Edwards, A.B. 1939, LL.B. 1941; 315 National Press Building, Washington, D. C.

Executive Committee:

- John S. Brookes, Jr., A.B. 1907, A.M. 1910, LL.B. 1913; Colorado Building, Washington, D. C.
 Mary M. Connelly, LL.B. 1922; 1830 17th Street, Washington, D. C.
 Eileen C. O'Connor, J.D. 1941; 1 Scott Circle, Washington, D. C.
 Oliver E. Pagan, A.B. 1934, LL.B. 1937; Shoreham Building, Washington, D. C.

THE LIBRARY SCIENCE ALUMNI ASSOCIATION

The Library Science Alumni Association was organized in 1932 by graduates of the Division of Library Science and became an affiliate of the General Alumni Association in 1935. It was established to foster a closer relationship between the Faculty and graduates and to further the interests of the Division of Library Science and of the University as a whole.

1946-47

- President.*—Mrs. Nora McKirdy, Ex-1941; 1529 44th Street, Washington, D. C.
Vice President.—A. Marguerite Matthews, A.B. 1937, A.B. in L.S. 1939; 9214 Midwood Road, Silver Spring, Md.
Secretary.—Virginia C. Whitney, A.B. in L.S. 1930; 3338 Military Road, Washington, D. C.
Treasurer.—Martha R. Schmidt, Ex-1938 (A.B. in Ed. 1930, A.B. in L.S. 1937, University of Michigan); 35 Bryant Street, Washington, D. C.

THE ENGINEER ALUMNI ASSOCIATION OF THE GEORGE WASHINGTON UNIVERSITY

The Engineer Alumni Association was organized in 1936 and has been affiliated with the General Alumni Association since that time. Its objects are to unite the graduates and Faculty of the School of Engineering in closer fellowship, to promote the general welfare of the School of Engineering and of the University at large, to foster activities of the engineering organizations recognized by the University, and to advance the profession of engineering in general.

1946-47

- President.*—William C. Thom, B.S. in C.E. 1904, C.E. 1905; 1346 Hemlock Street, Washington, D. C.
Vice President.—Henry W. Herzog, B.S. in C.E. 1930; 22 Duvall Drive, Westmoreland Hills, Md.
Recording Secretary.—Joseph E. Gray, B.S. in C.E. 1927, C.E. 1937; 4607 Brandywine Street, Washington, D. C.

Corresponding Secretary.—Charles J. Michelson, B.S. in M.E. 1939; 4037 7th Street, N.E., Washington, D.C.

Executive Committee:

J. Meigs Brearley, B.S. in M.E., 1931, LL.B. 1936; 1810 Shepherd Street, Washington, D. C.

Arthur R. Eno, B.S. in Eng. 1933; 3230 Wheeler Roads, S.E., Washington, D. C.

Otis L. Turner, B.S. in M.E. 1932; West Falls Church, Va.

THE GEORGE WASHINGTON UNIVERSITY NURSES ASSOCIATION

The George Washington University Nurses Association was organized in 1914. In 1936 this organization was made an integral part of the General Alumni Association, and graduates of the School of Nursing were accorded associate membership. The objects of the Association are to hold in unison the graduates of the George Washington University Hospital School for Nurses, to care for its sick members, and to promote the advance of nursing in the interest of the George Washington University Hospital.

1947-48

President.—Ruth Poindexter, N.Cert. 1924; 1430 Belmont Street, Washington, D. C.

Vice President.—Laura Sandres, N.Cert. 1924; 1100 25th Street, Washington, D. C.

Secretary.—Mrs. Katherine McCready del Valle, N.Cert. 1928; 1800 I Street, Washington, D. C.

Treasurer.—Mrs. Mary Schmid Kelley, N.Cert. 1929; 5519 Sherrier Place, Washington, D. C.

REGIONAL ALUMNI CLUBS

Regional alumni clubs sponsored by the General Alumni Association are maintained in the following places: Little Rock, Ark.; Los Angeles, Calif.; Northern California; Denver, Colo.; Chicago, Ill.; Portland, Maine; Baltimore, Md.; Detroit, Mich.; Kansas City, Mo.; St. Louis, Mo.; New York, N. Y.; Cleveland, Ohio; Toledo, Ohio; the Ohio River Valley (Cincinnati and adjacent sections of Kentucky and Ohio); Oklahoma City, Okla.; Pittsburgh, Pa.; Dallas, Tex.; Salt Lake City, Utah; Richmond, Va.; Seattle, Wash.; Milwaukee, Wis.; Philippine Islands; Puerto Rico.

Information about the officers and activities of these clubs may be obtained from the Alumni Secretary of the University.

THE GRADUATE ENDOWMENT FUND

The Graduate Endowment Fund was founded by the class of 1926 with the object of providing endowment to be used for the development

of the University. Membership is limited to seniors and graduates who sign a pledge of \$100, payable annually in ten equal installments.

The pledge notes and funds are held in trust. When the principal reaches the sum of \$100,000, the Board of Administrators of the Fund may pay to the University such sums as it may vote for erection of buildings, acquisition of sites, maintenance, and purchase of equipment. At no time may money be drawn so as to leave a balance of less than \$50,000 on deposit.

On request, the Alumni Secretary of the University will furnish pledge blanks to alumni.

BOARD OF ADMINISTRATORS *

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 3354 Stuyvesant Place, Washington, D. C.

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 1208 Oakcrest Road, Arlington, Va.

Executive Secretary.—Lester Allan Smith, A.B. in L.S. 1932, A.M. in L.S. 1935; The University.

THE COLUMBIAN WOMEN

The objects of this organization are (1) the promotion of acquaintanceship among its members; (2) the advancement of women by the founding of scholarships in the various departments of the University; and (3) the promotion of the interests of the University.

MEMBERSHIP

1. The following persons shall be eligible for active membership: (a) any woman who for one year has been a regularly registered student in The George Washington University, provided that she shall have received credit for thirty hours of work; (b) any woman member of the Faculties or Board of Trustees, any woman on the administrative staff; the wife or recognized head of the household of any member of the Faculties, Board of Trustees, or of the administrative staff; (c) any woman recipient of an honorary degree from the University.

* Elected by the subscribers.

1946-47

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Second Vice President.—Iva Lou Jones, A.M. 1940 (B.S. 1934, Madison College); 3200 16th Street, Washington, D. C.

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Treasurer.—Mrs. Margaret Gaddis Dutton, A.B. 1920, A.M. 1930; 1017 East Capitol Street, Washington, D. C.

Historian.—Irene Pistorio, B.S. in Arch. 1904; 2442 20th Street, Washington, D. C.

THE WOMEN'S BOARD OF THE GEORGE WASHINGTON
UNIVERSITY HOSPITAL

The object of this organization is to aid in every way the interests and advancement of The George Washington University Hospital. Meetings are held on the first Wednesday of each month, October to June, inclusive. Inquiries regarding membership should be addressed to the Corresponding Secretary, The George Washington University, Washington 6, D. C.

1947-48

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HONOR SOCIETIES

Phi Beta Kappa.—A national honor society recognizing "outstanding intellectual capacity well employed" in the field of liberal arts and sciences. Senior and junior students who are candidates for the degree of Bachelor of Arts or Bachelor of Science in Columbian College (in exceptional cases, senior and junior students in other non-professional divisions of the University) and who have shown broad cultural interests, distinguished scholarly achievement, high character, general promise, and scholarly ideals may, to a number not exceeding 15 per cent of a class, be elected to membership by the Faculty members of the Alpha Chapter of the District of Columbia.

Sigma Xi.—A national scientific honor society, the purpose of which is to encourage original investigation in science pure and applied. Outstanding graduate students in the sciences are eligible for full membership, and undergraduates who have shown marked ability in research may be elected to associate membership.

Order of the Coif.—A national legal society, the purpose of which is to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship. Members are elected each year from the highest 10 per cent of the graduating class of the Law School.

Sigma Tau.—A national engineering fraternity, the purpose of which is to recognize scholarship and professional attainment.

Aesculapian Society.—An honorary premedical society.

Alpha Lambda Delta.—A national fraternity established to encourage and reward high scholarship and attainment, membership in which is limited to those freshman women who attain a scholastic average of at least 3.50.

Artus.—A national economics society.

Delphi.—An intersorority society.

Delta Sigma Rho.—A national forensic honor society.

Gate and Key.—An interfraternity society.

Iota Sigma Pi.—A national honorary chemical society for women.

Mortar Board.—A national honorary society for senior college women, stressing leadership, scholarship, and service.

Omicron Delta Kappa.—A national fraternity emphasizing leadership in extracurricular activities.

Phi Delta Kappa.—A national honorary fraternity for men in the field of education.

Phi Eta Sigma.—A national fraternity, established to encourage and reward high scholarship and attainment, membership in which is limited to those freshman men who attain a scholastic average of at least 3.50.

Pi Delta Epsilon.—A national honorary collegiate journalism fraternity.

Pi Epsilon Delta.—National Collegiate Players.

Pi Gamma Mu.—A national social-science society.

Pi Lambda Theta.—A national honorary fraternity for women in the field of education.

Sigma Gamma Epsilon.—A national honorary geology fraternity.

Sigma Pi Sigma.—A national honorary physics fraternity.

Sigma Rho.—Honorary research society in physiology.

Smith-Reed-Russell Society.—A scholastic society in the School of Medicine. Students of the third and fourth years who maintain a scholastic average of 86 per cent are eligible for associate membership.

William Beaumont Medical Society.—A society founded with the object of encouraging and stimulating medical students in work of individual investigation.

STUDENT ORGANIZATIONS

PROFESSIONAL FRATERNITIES

Alpha Chi Sigma (chemistry), Alpha Epsilon Iota (medicine), Alpha Kappa Psi (commerce and economics), Alpha Pi Epsilon (home economics), Chi Upsilon (geology), Delta Phi Epsilon (foreign service), Delta Theta Phi (law), Kappa Beta Pi (law), Mortar and Pestle (pharmacy), Nu Sigma Nu (medicine), Phi Alpha Delta (law), Phi Chi (medicine), Phi Delta Delta (law), Phi Delta Epsilon (medicine), Phi Delta Gamma (graduate), Phi Delta Phi (law), Phi Pi Epsilon (foreign service), The Society for the Advancement of Management, Student Branch American Pharmaceutical Association, Theta Tau (engineering).

SOCIAL FRATERNITIES

Sigma Chi, Kappa Sigma, Kappa Alpha, Theta Delta Chi, Phi Sigma Kappa, Sigma Alpha Epsilon, Sigma Phi Epsilon, Phi Alpha, Sigma Nu, Acacia, Tau Kappa Epsilon, Pi Kappa Alpha, Argonauts, Tau Epsilon Phi.

SOCIAL SORORITIES

Pi Beta Phi, Chi Omega, Sigma Kappa, Phi Mu, Alpha Delta Pi, Delta Zeta, Kappa Delta, Phi Sigma Sigma, Zeta Tau Alpha, Kappa Kappa Gamma, Delta Gamma, Kappa Alpha Theta, Omicron Alpha.

DEPARTMENTAL CLUBS

Student Bar Association; American Society of Civil Engineers; Dance Production Groups I, II, III; American Institute of Electrical Engineers; The Engineering Council; Le Cercle Francais Universitaire; El Club Español; Home Economics Club; Charles Clinton Swisher History Club; Literary Club; American Society of Mechanical Engineers; A. F. A. King Obstetrical Society; Psychology Club; Schoenfeld Verein; Lester F. Ward Sociological Society; Tironians (secretarial); Hellenic Society.

RELIGIOUS ORGANIZATIONS

Baptist Student Union, B'nai B'rith Hillel Foundation, Canterbury Club, Christian Science Organization, Luther Club, Newman Club, Religious Council, Wesley Club, Westminster Club.

MUSICAL ORGANIZATIONS

Girls' Glee Club, Men's Glee Club, Symphony Club, University Band.

STUDENT PUBLICATIONS

The Cherry Tree (the annual), *The University Hatchet* (weekly newspaper), *The George Washington Law Review*, *Mecheleiv* (Engineers' publication), *The Surveyor* (literary magazine).

OTHER ACTIVITIES

Alpha Theta Nu (scholarship winners), Big Sisters, Cogs, Current Affairs Club, Inter-American Club, Inter-fraternity Council, International Students Society, Junior Panhellenic Council, Martha Washington Club, Masonic Club, Panhellenic Council, Student Council, Student Drama Group, Student Veterans of World War II, Women's Recreation Association.

INDEX

A

Academic Council, xxi-xxii
 Academic Status of the University, 5
 Accounting:
 Associate in Arts curriculum in, 62
 Bachelor of Arts curriculum in, 139
 Courses on, 163, 164, 165, 166, 167
 Master of Arts curriculum in, 142-43
 Activities, student, 43-44
 Administration, officers of, xix-xx
 Administrative Assistants, xiii-xiv
 Admission, 16-18
 Advanced standing, 11-12
 Advisers, Junior College, 50
 Aesthetics, course on, 240
 Alumni and Allied Associations, 297-303
 Anatomy, courses in, 153, 292
 Art, courses in, 154-55
 Arts and Sciences, college of, 63-79
 Attendance, 34
 See also under Colleges, Schools, and Divisions
 Auditor, 36

B

Bacteriology, courses in, 156-57
 Biblical Literature, course on, 267
 Biochemistry, courses in, 158
 Biology, courses in, 159-60
 Botany, courses in, 161-62
 Buildings of the University, 7-8
 Business Administration:
 Bachelor of Arts curriculum in, 139
 Courses in, 163-67
 Master of Arts curriculum in, 143

C

Calendar for 147-48, vii-xi
 Caribbean Area, courses on:
 See Latin America
 Central America, courses on:
 See Latin America
 Changes in program of studies, 36
 Chapel, 42
 Chemistry, courses in, 168-71
 Civil Engineering:
 Courses in, 172-74
 Curriculum in, 108-9
 Classical Languages and Literatures, courses in, 175
 Climatology, course on, 197

College Entrance Board Examinations, 11
 Columbian College (senior college of liberal arts), 13, 63-79
 Prerequisites to Bachelor of Arts and Bachelor of Science curricula in, 68-69
 Commerce, courses on, 165, 166, 167, 179, 258
 Communications option in Electrical Engineering, 110
 Continuous registration, 34
 Residence fee for, 21
 Correspondence courses, 70
 Counseling, courses on, 185, 205
 Course numbers, explanation of, 151-52
 Courses of instruction, 149-293
 Credit:
 Credit hour, definition of, 152
 Explanation of amount of, 152
 Toward a degree, 36-37
 Transfer of:
 For correspondence and home study courses, 70
 For professional courses, 71-72
 For summer school work, 37
 From other institutions, 11-12, 14, 15, 16
 Within the University, 71-72, 145, 146-47

D

Dance, courses on, 247, 248, 249, 250
 Degrees:
 Associate in Arts, 53-62
 In Accounting, 53-55, 62
 In Secretarial Studies, 53-55, 61
 Bachelor of Arts, 70-73, 73-75
 In Education, 125-26
 In Government, 137-40
 Bachelor of Civil Engineering, 107-9
 Bachelor of Electrical Engineering, 107-8, 109-10
 Bachelor of Laws, 101
 Bachelor of Mechanical Engineering, 107-8, 111-12
 Bachelor of Science, 70-72, 73-75
 In Engineering, 107-8, 112-13
 In Home Economics, 125, 126-27
 In Pharmacy, 116-19
 In Physical Education for Men, 125, 127-28

Degrees—Continued

- Bachelor of Science—Continued
 - In Physical Education for Women, 125, 128-29
- Civil Engineer, 113
- Combined Bachelor of Arts and Doctor of Medicine, 93
- Doctor of Education, 132-33
- Doctor of Juridical Science, 132, 133
- Doctor of Medicine, 93
- Doctor of Philosophy, 81-83
- Electrical Engineer, 113
- Juris Doctor, 101, 102
- Master of Arts, 75-76, 76-79
 - In Education, 129-32
 - In Government, 140-44
- Master of Comparative Law, 102
- Master of Laws, 102
- Master of Science, 75-76, 76-79
 - In Pharmacy, 119-21
- Mechanical Engineer, 113
- Dermatology, courses in, 176
- Dismissal of students, 40
- Divisional organization, 67
- Doctoral dissertation, form of, 38
- Dormitories, 42-43
- Dramatics, courses on, 279, 280
- Dropping courses, 36

E

- Economic Relations, major in, 138-39
- Economics:
 - Columbian College, major in, 70, 177
 - Courses in, 177-81
- Education:
 - Courses in, 182-87
 - School of, 16-17, 122-33
- Educational facilities of the University, 7-9
- Electrical Engineering:
 - Communications option in, 110
 - Courses in, 188-90
 - Curriculum in, 108, 109-11
 - Power option in, 110-11
- Embryology, courses on, 153, 292
- Emeritus Faculty, xxv-xxvi
- Employment, student, 43
- Endowment of the University, 5
- Engineering:
 - Courses in, 172-74, 188-90, 219-21
 - School of, 15-16, 104-13
- English:
 - Courses in, 191-95
 - Placement examinations, 51-52

- Entrance requirements, 12-18
- Examinations, 35
 - College Board, 11
 - For placement in language courses, 51-52
 - For qualifying for advanced standing or waiving curriculum requirements, 62, 72, 140
- SEE ALSO "January" and "June" in the University calendar
- Scholastic aptitude tests, 41, 51

F

- Faculty:
 - Alphabetical list, xvii-111
 - Standing Committees, xxiii-xxiv
- Far East, courses on, 196, 258, 259, 260
- Fees, 20-22
- Fellowships, 23, 84
- Financial Regulations, 20-22
- Foreign Affairs:
 - Bachelor of Arts curriculum in, 138-39
 - Master of Arts curriculum in, 142
- Foreign language:
 - Placement examination, 51-52
 - Requirements, 54-55
- Fraternities, 306
- French, courses in, 268-70

G

- Genetics, courses on, 159
- Geography, courses in, 196-97
- Geology, courses in, 198
- Germanic Languages and Literatures:
 - courses in, 199-200
- Government, School of, 17-18, 114-44
- Government and Economic Policy:
 - Master of Arts curriculum in, 143
- Grades, 34-35, 90, 100
- Grading System, 34-35
- Graduate Council, 13, 80-84
- Research fields:
 - SEE special Bulletin
- Graduate Record examination, 11
- Graduation requirements, 37-38
- Greek, courses in, 175
- Gynecology, courses in, 229

H

- Health Administration, Department of, 42, 201

History:
 Courses in, 202-5
 Of the University, 3-5
 Home Economics:
 Courses in, 206-8
 Curriculum in, 126-27
 Home study courses, 70
 Honor Roll, 53
 Honor Societies, 304-5
 Honors, 38-39, 62, 93, 102
 Hospitalization, 201
 Hours of instruction, 151
 Law School, 99
 Hygiene, courses in, 157

I

Independent study plan, 69, 137
 Indo-European languages, courses in, 200
 Internships, 92

J

Journalism, courses in, 209
 Junior College, 12, 47-62

L

Labor Relations, courses in, 178, 180
 Laboratory fees and deposits, 20
 See also Courses of Instruction
 Language Requirements, 55
 Languages and Literatures, Division of, 67
 Latin, courses in, 175
 Latin America, courses on, 179, 181, 196, 204, 205, 258, 260, 272, 273
 Law:
 Course of study for foreign lawyers, 98
 Courses in, 210-14
 Review, 97-98
 School, 14-15, 57, 96-103
 Liberal Arts, college of, 63-79
 Library, 8-9
 Hours, 39
 Law, 39, 97
 Medical, 39, 88
 Regulations, 39
 Living Accommodations, 42-43
 Loan funds, 32-33
 Location:
 Of the School of Medicine, 7
 Of the University, 6

M

Major fields in Columbian College, 70, 73-75

Marketing, courses on, 165, 166, 167
 Mathematics, courses in, 216-18
 Mathematics and Physical Sciences, Division of, 67
 Mechanical Engineering:
 Course in, 219-21
 Curriculum in, 108, 111-12
 Medical privileges, 201
 Medical Technologist Course, 94-95
 Medicine:
 Undergraduate, courses in, 222-25
 Graduate and postgraduate instruction in, 93-94
 School of, 13-14, 57, 85-95
 Military Science and Tactics, courses in, 226
 Musical organizations, 306

N

Natural Sciences, Division of, 67
 Near East, courses on, 196, 203, 258, 267
 Neurology and Neurological Surgery, courses in, 227

O

Obstetrics, courses in, 229
 Ophthalmology, courses in, 230
 Orthoptic Technician Training Course, 94
 Oto-rhino-laryngology, courses in, 231

P

Pacific Area, courses on, 196, 259, 260
 Pathology, courses in, 232
 Pediatrics, courses in, 233-34
 Personnel Administration:
 Courses on, 164, 186, 221, 259, 266
 Master of Arts curriculum in, 143
 Pharmacology, courses in, 235
 Pharmacy:
 Courses in, 236-39
 School of, 16, 114-21
 Philosophy, courses in, 240-41
 Physical Education:
 Courses in:
 For men, 242-46
 For women, 247-50
 Curriculum in, 128-29
 Requirements, 37
 Physical examinations, 37
 Physics, courses in, 251-54
 Physiology, courses in, 159, 255-56
 Placement Office, 43
 Political Relations, major in, 138-39
 Political Science, courses in, 257-60

Portuguese, courses in, 270-71
Power option in Electrical Engineering, 110-11

Premedical curriculum, 57

Preventive Medicine, courses in, 157

Prizes, 27-32

Probation:

SEE UNDER Colleges, Schools, and Divisions

Property, responsibility for, 44

Psychiatry, courses in, 261

Psychology, courses in, 262-66

Public Administration:

Courses on, 221, 258, 259

Master of Arts curriculum in, 143

Publications, student, 307

Q

Qualifying examinations, 62, 72, 140

SEE ALSO "January" and "June" in the University calendar

Quality-point index, 35

R

Radio, course on, 279

Records, transcripts of, 37

Recreation, physical education specialty in, 128, 129

Refunds, 22

Registration, 19-34

Regulations, 34-40

SEE ALSO UNDER Colleges, Schools, and Divisions

Religion, courses in, 267

Religious organizations, 42, 306

Reserve Officers' Training Corps (Medical), 91-92

Residence Halls, 42-43

Residence requirements, 38

SEE ALSO UNDER Colleges, Schools, and Divisions

Romance Languages and Literatures:

Courses in, 268-73

Placement examinations, 51-52

Rules of the University, right to change, 40

Russia, courses on, 196, 197, 203, 257, 258, 259

S

Sanskrit, course on, 200

Scholarship, 34-35

SEE ALSO UNDER Colleges, Schools, and Divisions

Scholarships, 23-32

Scholastic aptitude tests, 41, 51

Secretarial Studies, courses in, 274-75

Social Sciences:

Division of, 67

Statistics, major in, School of Government, 137-38, 140

Sociology, courses in, 276-77

Sororities, 306

South America, courses on:

SEE Latin America

Spanish, courses in, 271-73

Special Students, Division of, 19, 146-47

Speech, courses in, 278-81

Staff of Instruction, alphabetical list, xxix-lit

Statistics:

Bachelor of Arts curriculum in, 140

Business and Economic, 143

Courses in, 282-86

Master of Arts curriculum in, 143

Student:

Activities

SEE special bulletin

Bar Association, 99

Employment, 43

Organizations, 307

Publications, 307

Summer Sessions, 148

Surgery, courses in, 287-89

Surveying, courses on, 172, 173, 174

Syphilology, courses in, 176

T

Thesis, requirements for, 38

Transcripts of records, 37

Transportation, courses on, 166

Trustees:

Board of, xv-xvi

Committees of the Board of, xv-xviii

U

University students, Division of, 145

Urology, courses in, 290

V

Veterans, 41

Vocational counseling:

Courses on, 265

Master of Arts curriculum in, 144

Washington Counseling Center, 43

W

Warnings, 54

Washington Counseling Center, 43

Withdrawal, 22, 35-36

Z

Zoology, courses in, 291-93

THE UNIVERSITY RECORD

SUMMER TERM 1946

FALL AND WINTER TERMS 1946-47

CURRENT OPERATING EVIDENCE (C.O.E.)

DEGREES CONFERRED

JUNIOR COLLEGE

ASSOCIATE IN ARTS

OCTOBER 15, 1946

Ainsworth, Margaret Anne
 Ambrose, Audrey
 Baker, Harry LeRoy
 Barron, Victor Ewing
 Baskory, Joseph Patrick
 Bell, Bayard R.
 Bender, Nancy Ellen
 Berger, Martin
 Bernick, Hyman
 Beyer, Marie Alberta
 Bortnick, Ruth
 Bortnick, Lynn Artnie
 Brown, Elliott Lewis
 Brown, George Franklin
 Brown, William III
 Buchanan, Dorothy Marie
 Buchanan, Nick, Jr.
 Butler, Jeanette Ann
 Butts, Phyllis Lou
 Canham, Leon San, II
 Casner, Louis Albert
 Chatte, Conrad
 Cook, Robert Bernard
 Gould, John James
 Crum, Edwin Ellsworth
 Crowell, Jack
 Cunningham, Edith
 Day, Margorie Mary
 Davis, Edwin Lanier
 DeBurr, Mary Margaret
 Edwards, Edwin John
 Edwards, Hattie Charles
 Edwards, Robert Stanley
 Edwards, John William
 Edwards, Jean Annes
 Edwards, Lester Leroy
 Frost, Herbert Emerson
 Frost, John Dean
 Galt, Spencer Delos
 Galt, Frank Halsey
 Galt, Yale Wesley
 Galt, Frank Xavier
 Galtman, Clifford James
 Galtman, John Barry
 Galtman, Joseph Eric
 Galtman, Frances
 Galtman, Alan John
 Galtman, Mary Kathryn
 Galtman, Charlene
 Galtman, William
 (With distinction)
 Haines, Elizabeth Jeanne
 Haines, John Elizabeth
 Haines, William James, Jr.
 Haines, John Edgar
 Johnson, Peter Herbert

D.C. Karp, Jeanette
 D.C. Kennedy, Joseph Bernard, Jr.
 Okla. Keroes, Elaine Jocelyn
 Va. Kiser, Sharon Marie
 D.C. Koster, Teresa Mary
 Wash. Kyle, Patricia
 D.C. Lewis, Mervin Leo
 Pa. Lenton, Mabel Harriet
 N.Y. Lucas, Charles William
 D.C. Lynch, Jean Lorraine
 D.C. Mandes, James
 Mo. Mann, Shirley Louise
 D.C. Martin, Richard Alford
 D.C. McDonald, Gorman A.
 D.C. McKune, Marjorie Lou
 Ark. Miller, Cornelia
 D.C. Miller, Joseph Sheldon
 Ohio Minorsky, Mildred Leona
 D.C. (With distinction)
 Md. Moore, Waldo Hawthorne
 Pa. (With distinction)
 D.C. Nelson, Donald Sell
 Pa. Newsome, George Marvin
 Va. North, Romana Ruth
 D.C. O'Donnell, Dorothy
 Md. Peltin, Eleanor R.
 Mass. Phipps, Anna
 Va. Power, Andrew Paul
 D.C. Puché, James Melat
 D.C. Ramirez, John Raphael
 Nev. Robbins, Jesse
 D.C. Rosinski, Donald Carl
 Ill. Ross, Helen Elizabeth
 Va. Rowell, Paul Leutze
 D.C. Ryan, Leon Leroy
 D.C. Schmidt, Anna Becker
 N.Y. Scherck, Joseph Samuel
 I. wa. Schuen, Richard Davis
 D.C. Schwartzman, Sam
 Pa. Scott, Helen Dolores
 Kans. Semmes, John Gibson
 N.Y. Sherwood, Virginia
 Ariz. Smith, Leon Kashner
 Va. Snell, Harriet Jacqueline
 N.Y. Stewart, Anna Marie
 Miss. Stewart, Howard Hutchens
 D.C. Stone, Arthur Edward
 Va. Sutter, Gloria Constance
 Fla. Tamm, Patricia Anne
 Tex. Tamm, William Richard
 Pa. Tamm, Albert Barclay, Jr.
 D.C. Valdes, Barbara Marie
 Ill. Valenti, Grace Josephine
 D.C. Weber, Paul
 D.C. Wolf, Arthur Ira
 D.C. Wyatt, Agnes Bousau

D.C.
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 Pa.
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 D.C.

FEBRUARY 22, 1947

Abendschein, Mary-Jane	Va.	Kessler, Virginia Hope
Adams, Gay	N.M.	Key, Robert Edward Lee
Aldridge, Eugene Tulbert, Jr.	D.C.	King, Donald K.
Baggo, Isabel Jane	W.Va.	Kirchner, Francis Carlyle
Baker, Charles Jewell	D.C.	Kley, Frank Carl, Jr.
Baker, Donald Carroll	D.C.	Knowles, Mary Frances
Baker, Gloria J.	D.C.	Lamb, Marjorie June
Baldi, Fiorenza Henrietta	D.C.	Landau, Morton
Bares, Mauricio Juan	Panama	Lantz, Andrew Lawrence, Jr.
Barger, Ben	D.C.	LaRocca, Marie Barbara
Barrington, Phyllis Elizabeth	D.C.	Lenarduzzi, David Rino
Baumann, Jane Marie	D.C.	Lenkin, Natalie June
Benson, Mary Louise	Va.	Lipolsky, Nathan Bernard
Berry, Beverle Jean	Va.	Liverman, Myrtle Louise
Bildman, Beverly Elaine	D.C.	Loucks, Lois
Blanton, Joseph Warren III	Va.	Ludolph, Ruth Jeanne
Bloomfield, Irma Sondra	N.Y.	MacNab, John Erwin
Bonifield, Robert Thomas	Fla.	Mann, Donegan
Bradley, Harriet Fisher	Va.	Mark, William John
Brodell, Albert Perry, Jr.	Md.	Martin, Rose Irene
(With distinction)		Massie, Elizabeth Faulkner
Cadel, Bernard Howard	N.J.	Mauriello, Matthew Joseph
Clarke, Thomas McTyghe	D.C.	Maxon, Robert Phillips
DeClercq, Robert E.	Wis.	McEntire, Ferne
Cohn, Sylvia	D.C.	McGann, Marjorie Louise
Collins, William Timothy	N.Y.	McManus, Jean
(With distinction)		McNary, Don Gerald
Costanzo, Frank John	Conn.	McVey, Ethel Louise
Craig, Alan Ward	Conn.	McWhirt, Joseph Russell
Cranmer, Sarah Abigail	N.J.	Mead, Robert Osborn
Cremen, William Starr	Va.	Medby, Jill Iris
Cummins, Marion Taylor	D.C.	Menges, Paul Fillmore
Curtis, Lyle S.	Utah	Michael, Bernard
Davis, Dale Miller	Tex.	Michener, Martha Mumper
Davis, Dorothy Arlene	D.C.	(With distinction)
Dessez, Sally Chew	D.C.	Miller, Homer Ralph
Diamond, Isaac	Md.	Miller, James Robert
Dixon, Thomas Wilson	Md.	Miller, Louis Ashur
Dotson, Maryanna Elizabeth	D.C.	Miller, Melvin Eugene
Duckworth, Robert Collins	Va.	Mitchell, Hannah Jane
Dumaine, Gabriel Romain	Va.	Moran, Leon James
Dunham, Claire d'Arcis	Va.	Morgan, Walter Lee, Jr.
Edge, Ruth Marianne	D.C.	Murchison, David Claudius
Ellett, Charles Crittenden	Va.	Nicodemus, Carol Elizabeth
Ernst, Edward Cranch, Jr.	Calif.	Norton, Hugh Stanton
Fliss, Richard Konrad	Wis.	Norwood, Mary Lowrie
Fort, Sallie Bacon	D.C.	O'Hara, Joseph Patrick, Jr.
Garcia, Manuel Gilberto	Ariz.	Oxholm, Axel Waldemar Henry
Gill, Jean Marie	D.C.	Pappas, Frank George
Givens, Stuart Ray	D.C.	Payne, Ralph Lucian
Glattly, Jan	D.C.	Raffel, Sherman Carl
Graham, Robert Albary	Tex.	Reynolds, Victor Thomas
Granger, Patricia Laura	D.C.	Roberts, Pauline
Gross, Jean Elizabeth	Ohio	Romero, Theodore Robert
Guerra, Alfonso Angel	Tex.	Sansalone, Goffredo D.
Haggart, Jane	D.C.	Schultz, John Hooker
(With distinction)		(With distinction)
Hayley, Basil	Va.	Schutz, Jack Jacob
Hazur, Paul John	Va.	Schwartz, Lester Irving
Hicks, Louis Edward	Md.	Silverman, Aaron
Hill, George R.	Pa.	Smith, Patricia Ann
Hintze, Arthur Harris	Md.	Snider, Leonard Alfred
Hirst, Anne Heston	Va.	Somson, Robert Oscar
Hoffer, Frances Elizabeth	Pa.	Spar, Irving Leo
Huffman, William Ewart	Md.	Spears, Constance H.
Huntsberger, Carl Myron, Jr.	Va.	Spitz, Elinor Kapneck
Jacob, Morgan Fitzpatrick	D.C.	Staiger, Jean Whittier
(With distinction)		Stamper, Dorothy Elizabeth
Johnson, Richard Wayne	Iowa	Thackaberry, Mary Waynette
Kahn, Fritz Reiner	Md.	Toal, John Wayne
Keough, Bernard Edward	D.C.	Tucker, Nancy Jane

Degrees Conferred

317

Yeverka, Roberta
Yorder Bruegge, Howard Joseph
Wainger, Jack
Wales, Maunida Sue
(With distinction)
Wallace, Dorothy June
Warfield, Richard Myers

Ohio	West, Robert Layton	D.C.
Tenn.	Wetmore, William Furches, Jr.	Va.
D.C.	Wheeler, Fred W.	D.C.
Va.	Wheeler, Ruth Elizabeth	D.C.
	Wortman, David Morris	D.C.
D.C.	Wright, Joanne Louise	Md.
Md.	Young, Robert	D.C.

MAY 28, 1947

Abramowitz, Charles
Abreu, Nancy Lee
Acersman, Paul
Adams, Josephine Mary
Adams, Robert Melvin
Addabbo, John James
Aiken, John Howard
Albert, Patricia Louise
Alegria, Carabel
Allman, William Dominic, Jr.
Alvey, Ernest Brandon
Aword, Marian
Anderson, Otis Roy
Anderton, James William
Armbruster, Francis Edward
Arnold, Mary Ann
Atkinson, Charles Fred
Avancena, Manuel Claude
Babcock, Margaret Shippen
Bauman, Jerome
Baines, Dorothy
Baldridge, Reid
Bardach, Henry G.
Bartch, Carl Edward
Baskin, William Maxwell
Bass, Charles White
Batchelder, Dana A.
(with distinction)
Baumgarten, Stephen Henry
Baynard, Ernest Cornish
Beall, Charlotte
Beatty, Alta Mae
Beeling, John Lawrence, Jr.
Below, Margaret Calbeck
Bennet, Joseph Campbell, Jr.
Bennett, Betty Anne
Berger, Bernard Nelson
Berlanstein, Jean Bernice
Berman, Milton
Bernstein, Stanley Paul
Berry, Robert Hahn
Berthold, Herbert Kurt
Best, Harold Lloyd
Blafkin, Bess
Bliss, Francis O'Donovan, Jr.
Bowler, John Andrew, Jr.
Bragan, Richard Larry
Brandenburger, Elise Ann
Brastow, Jerome Duryea
Brenneman, Dorothy Faye
Brockman, Harry
Brown, Elsie-Mio
Brown, Virginia Geraldine
Brownholtz, William Walter
Bryant, Roberta Boyd
Buckoff, Marjorie Lillian
Bustett, Doris
Burgardner, Edward Larrick
Burhan, Barbara Carroll
Buser, Elizabeth Anne
Byrna, Chester James
(With distinction)
Calritz, Isobel

N.Y.	Carrahan, Martha Anne	Tenn.
D.C.	Canoway, Patricia Ann	D.C.
D.C.	Campbell, Barbara	Va.
N.Y.	Campbell, Doris Lorraine	Pa.
D.C.	Caplan, Dorothy Hulda	D.C.
N.Y.	Carter, George Washington	D.C.
D.C.	Chacos, Maria George	D.C.
S.D.	Chambreau, Robert Andrew	D.C.
Nicaragua	Chatham, Marie	Va.
D.C.	Chow, Bettine	D.C.
D.C.	Clerman, Paul Joseph	N.Y.
D.C.	Clore, Nona	D.C.
Okla.	Cogswell, Mary Frances	Va.
D.C.	Cohen, Arthur Robert	D.C.
Pa.	Cohen, Lillian Minnie	D.C.
Va.	(With distinction)	
Va.	Cohen, Norman	D.C.
D.C.	Cohen, Sylvia	D.C.
Md.	Cole, Ralph John	Pa.
N.Y.	Collins, William Royston	Fla.
D.C.	Compton, Minnie Charlotte	Va.
Md.	Cooper, Charles David	D.C.
N.Y.	Costakis, Ann	D.C.
Ohio	Crane, Esther Sibyl	N.M.
Va.	Cratty, Thomas Dodds	Pa.
Tenn.	Crom, Curtis Griswold	Va.
Mass.	Cullen, Lucille Sarah	Pa.
	Curry, Stowers Leigh, Jr.	Va.
D.C.	Damon, John	Mass.
Va.	Darmstadter, Henry	D.C.
D.C.	(With distinction)	
D.C.	Datlow, Gerald Allex	D.C.
D.C.	Delasos, Lewis	D.C.
Wis.	DeNeale, Ruth Lorraine	D.C.
Va.	Dentz, Edwin James	D.C.
D.C.	Deskin, Leona	D.C.
D.C.	Dickson, Lois Pengelly	D.C.
D.C.	Dilli, Barbara Lindsey	D.C.
D.C.	Diston, Frank Earl	Wyo.
Mass.	Dooley, Joy Evan	D.C.
Ohio	Downs, Rhoda Jane	Va.
D.C.	Drapkin, Leon Isadore	D.C.
N.Y.	Dreisonstok, Erwin Milton	Md.
D.C.	Drew, Norma Jean	Mont.
Md.	Dunn, George Mitchell, Jr.	D.C.
D.C.	Dunnavant, James Randolph	D.C.
D.C.	Durgin, Franklin Willoughby	N.H.
Va.	Dwyer, John Joseph	Mass.
D.C.	(With distinction)	
D.C.	Ellis, Frances Helene	D.C.
N.Y.	Engle, Eloise Katherine	D.C.
D.C.	Evry, Allen	D.C.
D.C.	Exton, Patricia McClellan	D.C.
Pa.	Falk, Florence	Va.
Va.	Falk, Gerald	N.Y.
D.C.	Fenlon, Raymond Henry	D.C.
D.C.	Finkelstein, Lawrence	D.C.
Va.	Fioramonti, Mary Claire	D.C.
Va.	Fish, Joanne Margaret	Va.
D.C.	Fisher, Ann Katherine	Calif.
N.Y.	Fitzsimmons, James E.	D.C.
D.C.	Fogelgren, Agnes Marie	N.J.
D.C.	Formal, Theodore	

D.L.S. Kagan, Percy Harry
D.C. Keefe, Robert Francis
D.C. Keefe, Betty Blue
D.C. Kelly, Francis Keith
D.C. P.I. Kendrick, Patricia Ann
D.C. Kennedy, William Jerome
Va. Kephardt, Calva
D.C. Kerr, Herace Eskew
D.C. Keddin, Thomas
D.C. King, Mary Mazappa
Md. Kissel, Alan Edison
Va. Klossner, Benjamin
Md. Kiern, Sandoi
Utah Klieger, Walter Aaron
D.C. Koach, Joseph Lewis
D.C. Koenig, Virginia Anne
D.C. Kriesley, Clement Daniel Jacob
Va. Kruessol, Darwin
D.C. Krueger, John Richard
Va. (With distinction)
Pa. Kuhn, Sondra Beverly
D.C. Kurylo, Walter
Md. LaGuardia, Alfred
D.C. Lally, Paul Thomas
Md. Lumbros, Philip Russell
D.C. Langholz, Ernest Frederick
Ill. Lapin, Earl Michel
D.C. Larkin, Thomas Dillard
Va. LeBlanc, Diana
D.C. Lee, LeRoy Linwood
D.C. Lee, James Edward
D.C. Lekson, Bernice Miriam
D.C. Lendiestey, James Albaugh
D.C. Lerner, Anne Lois
D.C. Lever, Jacqueline Womack
Wis. Levinson, Monroe Joseph
Ill. Lewis, Nancy Lee
Ky. Little, Theresa
Ill. Littlelales, Lissette Warren
D.C. Locraft, Vonnietta Bogan
Md. (With distinction)
Md. Lonsley, Mary Olga
Fla. Loren, William Odin
D.C. Lovelace, Neil Richard
D.C. Ludwka, Chester Edward
Ariz. Ludwig, Helen
N.Y. (With distinction)
D.C. Ludwig, Patricia Ann
Va. MacFarney, Richard
D.C. Mann, Jean Carol
Md. Margulius, Jerome Frances
Markoff, Richard Paul
Iowa Martin, Albro
D.C. (With distinction)
D.C. Martin, Janice Catherine
D.C. Martin, Anthony Francis
Md. Masters, Edward F.
Tex. Mayfield, Harry Leon
D.C. McCreary, Norman Francis
Md. McCreight, Charles Edward
D.C. McDole, James Wright
D.C. McGraw, Sherie Ellen
N.D. McLaughlin, Hazel Sinclair, Jr.
D.C. McMillen, Jack R. Bert
N.D. McNeely, Betty Lou Eileen
Md. McNutt, Anna Mary
D.C. Melvin, Betty Anne
Va. Metzger, Kirk Oliver
Md. Mibuck, Ann Louise
Tex. Mibelson, Samuel
D.C. Miller, Andrew John
Miss. Miller, Herbert Edm. Jr.
D.C. Montalbano, Michael

Montel, Patricia	Va.	Schnittman, Frederick Shade	D.C.
Morse, Eugene Minton	Ala.	Schreyer, Charles Henry	D.C.
Mosey, Martin Winn, Jr.	Oreg.	Schutz, Melvin	D.C.
Mosher, Richard, Jr.	Ky.	(With distinction)	
Moster, Leonard	N.Y.	Schwartz, Morton Julius	N.Y.
Murphy, Barbara Marie	Mass.	(With distinction)	
Miers, Virginia Anne	Md.	Schwitzer, Robert John	D.C.
Naim, Doris	Md.	Scott, LaVilla	Okla.
(With distinction)		Seawell, Joan Elizabeth	D.C.
Nance, Elizabeth Boyd	Ga.	Shanks, Jane Elizabeth	Md.
Nason, Stuart David	Conn.	Shaplin, John Joseph	Md.
Nesell, George Brandon	D.C.	Shapiro, Daniel Marry	N.Y.
Newquist, Noel C.	Kans.	Shapiro, Herbert Irving	D.C.
Nimer, B. Isidore	Pa.	Sheskin, Jacob	D.C.
Nol, Louis Richard	Pa.	Sheskin, Zelda Bertha	D.C.
Norment, Mary Hillyer	D.C.	Shell, Irving	Mass.
Northup, Graham Theodore	D.C.	Shelton, Harold	D.C.
Noble, Virgil George	Mass.	Shortell, Miller Francis	Utah
Nossaman, George Leight	D.C.	Silver, Jack	Va.
O'Habery, Daniel Fairfax	Va.	Simms, John W.	D.C.
O'Gara, Roger William	D.C.	Simon, Robert Charles	Ohio
O'Neal, Mary Lee	D.C.	Simpson, William Littlejohn	D.C.
Odorous, Helen Wyatt	D.C.	Singh, Frederick Henry	Va.
Pasley, Elizabeth Ann	Va.	Smason, Charis Eve	Tex.
Palmer, John Gilbert	Md.	Smith, Roy Lindsay, Jr.	D.C.
Parker, Lawrence Gilbert, Jr.	Ill.	Smith, Samuel Rodman	Va.
Parmer, Margaret Anne	D.C.	Smith, Shirley B.	Md.
Pasternack, Ann	Va.	Smith, Verla Lee	D.C.
Payne, Joyce Lee	Va.	Spaeckel, Morton Lee	D.C.
Pellezzi, Leo Maurice Francis	D.C.	Spatulney, Claire Toby	Ill.
Pelsson, John Randolph	D.C.	Stallwell, Hamilton Purdy	Va.
Phillips, Lawrence Vince	D.C.	Stokard, Charles Geer	N.C.
Pincus, Arthur	D.C.	Stokes, Susanne	D.C.
Pittenger, Dorothy Elizabeth	Minn.	Stolar, David Maurice	Pa.
Pizer, Julius Samuel	D.C.	Stolarsky, C. Robert	D.C.
Platt, Edward Andrew	N.Y.	Stony, Edwin Glenn	Pa.
Platt, Joan Miller	Conn.	Streinz, Clare Julia	
Pomponio, Angelina Ann	Va.	(With distinction)	
Powers, William Ames	D.C.	Strackman, Louis	N.Y.
Powers, William Joseph	Va.	Sugar, Harold Samuel	D.C.
Price, Sue	C.D.	Sult, Ernest Paul	Va.
Rae, John Stanley Arnold	D.C.	Sutsky, Bernard Arthur	D.C.
Rappe, Evelyn Margaret	Md.	Susskind, Leonard B.	N.Y.
Ratner, Max	D.C.	Swenson, Dale Abbott	Utah
Reel, Stella Swingle	D.C.	Thaler, Alfred Karl	Minn.
(With distinction)		Therrel, Phillip Marie	Ill.
Reynick, Esther	D.C.	Thompson, David Lathrop	Va.
Reynolds, Gary Stewart	N.Y.	Townsend, Charles Fby	D.C.
Rice, Roy Elliot, Jr.	D.C.	Travanti, Vincent D.	Va.
Riley, Thomas Dyer	D.C.	Unstead, Lyman John	Pa.
Ribbas, Edward Morris	D.C.	Unser, Howard Robert	D.C.
Ribbas, Dorothy Cecilia	Md.	Vaccaro, Camille Lammie, Jr.	Fla.
Roch, Elizabeth	Tex.	Van de Water, Mable Im	Md.
Rock, Dana Lorraine	D.C.	Veldy, George Graver	
Ross, Sandra Rene	N.Y.	(With distinction)	
Rothberg, Don	N.Y.	Vicness, Helen Arne	D.C.
Rothstein, Ralph Burton	D.C.	Vincent, Jose Ramon	P.R.
Rosenberg, Seymour A.	N.J.	Vincent, Carolyn	Conn.
Rosen, Edward Everett	D.C.	Vogel, Jack Clare	Ill.
Rosen, William Case	D.C.	Vonell, John Dunbar	N.Y.
Rubin, Selma Lawrence	D.C.	Wallace, Kathryn Marie	D.C.
Rig, Gloria Hope	Mass.	Ward, Robert James	Va.
Rohrer, Clarence Daird, Jr.	D.C.	Washington, F.olding Lewis	D.C.
Sand, Ben Pete	N.M.	Weeks, Gladys Evelyn	Va.
Sand, John Edward	Fla.	Wendell, Betty Ellen	Va.
Saw, Jane Ann	Va.	Went, Helen Florence	D.C.
Sawyer, George Alexander	D.C.	Wells, James Beames	Md.
Schack, Angelo John	Va.	Wenderson, Fred Henry	Va.
Schack, Marilyn Elizabeth	Md.	Werner, Hazel Frances	D.C.
Schaefer, Gilbert Bernard	Md.	Wiese, Caroline Marie	D.C.
Schaefer, Dean Edward	Ohio	Winters, Elizabeth Ann	D.C.
Schell, I. Pearson Hale	Pa.	Winters, John George	C.D.
Schmid, William Francis	N.Y.	Wills, Albert M. Joel	D.C.

Tzarnes, Anne
Villarejo, Oscar Milton
Walters, Joyce Crickmay

D.C.	Wiley, William Warner, Jr.	Ga.
D.C.	Woolley, Donald Eugene	D.C.
D.C.		

MAY 28, 1947

Alexander, John William, Jr.
Alpar, Jacob
Appelbaum, Zona Lee
Baker, Dorothea Anna
Beacham, Joy Katherine
Bell, Eleanor G.
Benner, Nancy Ellen
Bern, Elinor
Bluestone, Abraham
Buckberg, Albert
Burke, Vivian Toba
Bush, Edward Revenir
Carnes, Raymond Eugene
Carow, Melicent Madeline
Cassidy, Thomas Richard
Chakera, Pauline
Chervitz, Alexander
Chevrolet, Evelyn Ruth
Church, Jessica
Clarke, Grant Leach
Clayton, Sybil White
Collett, Charles Ellsworth
Cooper, Grace M.
Cooper, Sophia
Coul, May
Cox, Frances Mary
Davis, Edwin Lanier
Davis, Jewel Ann
Davis, Mary Elizabeth
DeBurr, Mary Margaret
Deskin, Elaine
Dickson, Lois Pengelly
Donnelly, Mary Elizabeth
Drew, Jane Carolyn
Eggel, Dorothy Jean
(With distinction)
Ehrlich, Bernard Herbert
Elliott, Mary Elizabeth
Flanders, Robert Lee
Gibbs, Richard DeArmond
Giblette, John Franklin
Goldberg, Stanley
Good, Louise Stewart
Grabowski, Edwin F.
Greenbank, Richard Kelly
Greene, Patricia Ross
Grigsby, Roberta Josephine
Guerra, Grace
Halpern, Gloria
(With distinction)
Hambarger, Ada Minna
Harlan, Marjorie Elizabeth
Hensley, Marjorie
Holliman, Margaret Erskine
Holmes, Robert Reynolds
Horn, Grace Marie
Holt, Virginia Witherspoon
Isenberg, June Elizabeth
Jelton, Girard Reuel, Jr.
Jordan, Robert Paul
Julison, Abe James
Katz, Virginia Ann
Katz, Robert Ormiston, Jr.
Katz, Barbara May
Laird, Stanley Wesley
Leveque, Jean
Levinson, Treva Rose

Md.	Lippman, Charles	N.Y.
D.C.	Lord, Lois Carolyn	Md.
D.C.	(With distinction)	
Mass.	Maletz, Charlotte Doris	D.C.
Va.	Mandes, James Charles	D.C.
D.C.	Marsh, Nancy Bernice	D.C.
D.C.	Matheny, Charles Kenton	Va.
D.C.	Mayneld, Betty Ann	Tenn.
D.C.	McConnell, Mary Helen	D.C.
D.C.	McGehee, Zella Patricia	Miss.
Md.	McGhee, William Morrow	D.C.
Md.	McGrath, Sally	Md.
Md.	Mcgee, Nancy Stover	D.C.
D.C.	Miller, Luther Deck, Jr.	D.C.
D.C.	Mitchell, Janet MacDonald	Va.
D.C.	Murphy, Eleanor Ruth	D.C.
D.C.	Nesbit, Barbara Agnes	D.C.
D.C.	Palmer, Joan	Ill.
D.C.	Patermaster, Gene Cressman	Va.
Va.	Pauly, Katherine Jeanne	Okla.
Mass.	Pear, Bertram Lincoln	D.C.
Minn.	Pierce, Frances Strong	D.C.
Mich.	Polkman, Betty Lou	Md.
Ohio	Prichard, Jean Carter	Md.
N.H.	(With distinction)	
Ga.	Pritenard, Margaret Eleanor	D.C.
N.Y.	Rauch, Arthur S.	D.C.
D.C.	Reily, Billy Ray	Tex.
Va.	Roberts, Janet Fairley	D.C.
D.C.	Roberts, Natalie	D.C.
D.C.	Rombaugh, Phyllis Josephine	Pa.
D.C.	Sandt, Anna Becker	D.C.
D.C.	Sandusky, Bernard M.	N.Y.
D.C.	Schupp, Ida	D.C.
Md.	Schwartzman, Sam	N.Y.
D.C.	Sheriff, Theo Lorraine	Va.
Va.	Smith, Herman Fount	Iowa
Tex.	Smith, Kay Elaine	Pa.
D.C.	Smith, Ruth Ellen	D.C.
Minn.	Snyder, Edith Cook	D.C.
D.C.	Stein, Harold Lawson	Mo.
D.C.	Stewart, Anne Marie	N.Y.
Ill.	Stokes, Katharine Celeste	Va.
D.C.	Stone, Rose Louise	D.C.
Va.	Swartout, Jean Iona	W.Va.
Va.	Szabokierski, Roland Stephen	Va.
Va.	Tobias, Ida Jeanne	Va.
Mass.	Traynham, Paul Franklin, Jr.	Okla.
D.C.	Tucker, Lenore	S.C.
D.C.	Ulasek, Henry Thomas	D.C.
D.C.	Valley, John Evans	Okla.
D.C.	Vaintainer, Anne Benedicta	N.Y.
Va.	Warner, Dorothy June	Pa.
D.C.	Wardfield, Marion Dixon	Minn.
D.C.	Watters, Jane Elizabeth	D.C.
Md.	Weaver, Frank Lloyd, Jr.	W.Va.
Pa.	Weber, Jacqueline Adams	Md.
D.C.	Weisenburger, Faye Darlene	Md.
W.S.	Wess, Robert Jerome	D.C.
N.Y.	Wheatley, Edythe Joan	N.Y.
Calif.	Williams, Beux Lee	D.C.
D.C.	Williams, Edith Louise	Va.
Md.	(With distinction)	
Ala.	Winterfield, Mary Margaret	D.C.
D.C.	Woolley, Marion Emma	D.C.
Va.	(With distinction)	

BACHELOR OF SCIENCE

OCTOBER 15, 1946

Misner, Robert David
Osgood, Elliott Dayton
Park, Helen Dorothy

Ill. Robin, Eugene Debs
D.C. Washington, Dorothy Anne
Va.

FEBRUARY 22, 1947

Dryden, Leslie Powell
(With distinction)
Futrovsky, Charles
Groveman, Joseph Eric

Md. Nell, Mattner Krumm
Stedman, Richard Guy
D.C. Sterling, James Thaddeus
N.Y. Yost, Charles Francis

MAY 28, 1947

Bagby, Garlick Hugh
Constant, Marguerite Anita
Crowell, Jack
Davis, Paul Lee
Duvall, Allen Joseph
Ehrmantraut, Harry Charles
Gargano, Freddie Patrick
Goodman, Clifford James
Ludwig, Robert Clinton
(With distinction)

Ark. McConnell, Harden Marsden
Mass. (With distinction)
Md. Poos, George Ireland
D.C. Ramirez Vasquez, Julio Raphael
D.C. Rice, Rip George
D.C. Schoeneman, Robert Lee
N.J. Smith, Merle Jack
Ariz. Wales, Robert Oliver
D.C.

MASTER OF ARTS

OCTOBER 15, 1946

Hodgson, Natalie Norwood
A.B. 1933, The George Washington
University

D.C. Lastra, Ivonne
B.S. 1943, University of Puerto Rico
Moffett, Mary Ann
A.B. 1945, Butler University

FEBRUARY 22, 1947

Bowen, Carter Milburn
A.B. 1941, The George Washington
University
Campos, Roberto de Oliveira
Licenciado em Filosofia 1934, Seminario
Menor de Nossa Senhora Auxiliadora
Dolnick, Ethel Helea
B.S. 1943, The George Washington
University

Md. Lightman, Joseph Mantell
A.B. 1943, The George Washington
University
Brazil McCalley, John Wallace
A.B. 1945, The George Washington
University
N.Y. Ray, Donald Page
A.B. 1941, University of Colorado

MAY 28, 1947

Cohen, William
B.S. 1940, Brooklyn College
Dotye, Myldred Marguerite
A.B. 1943, The George Washington
University
Gerson, Elaine Freed
A.B. 1945, Pennsylvania State College
Gresham, Martha Eleanor
A.B. 1936, Lander College
Howerton, Hugh King
A.B. 1941, Northeast Missouri State
Teachers College
Logan, Christine Amunsden
A.B. 1938, College of the Ozarks

N.Y. Mathew, Maria Teresa
A.B. 1937, Mercyhurst College
Ind. Ringer, Barbara Alice
A.B. 1945, The George Washington
University
N.Y. Rosenthal, David
A.B. 1941, University of Akron
S.C. Trimble, Mary Margaret
A.B. 1939, Oklahoma College for
Women
Mo. Widman, Frank Lisle
B.J. 1939, University of Missouri
N.Y.

MASTER OF SCIENCE

OCTOBER 15, 1946

Tutwiler, Frank Bryan
B.S. 1944, The George Washington
University

Md.

FEBRUARY 22, 1947

Oswald, Elizabeth Janet
B.S. 1937, University of Maryland

Va.

MAY 28, 1947

Klein, Alfred Kenneth
B.S. 1944, Saint Louis University
Robt. Eugene Dubs
B.S. 1946, The George Washington University

D.C.

Smith, Benjamin William
B.S. 1940, Virginia Polytechnic Institute

D.C.

Va.

DIVISION OF UNIVERSITY STUDENTS

BACHELOR OF SCIENCE IN SECRETARIAL ADMINISTRATION

OCTOBER 15, 1946

Gardner, Wanita
Stull, Geraldine Merian

Md.
Md.

Vicars, Mary Marguerite

Va.

MAY 28, 1947

Klion, Lynette

Conn.

Schultz, Ruth Marie

Minn.

THE SCHOOL OF MEDICINE

DOCTOR OF MEDICINE

MAY 28, 1947

Alban, Emil John, Jr.
Alerman, Seymour Lewis
A.B. 1944, The George Washington University

Conn.
N.Y.

Devine, Charles Joseph, Jr.
A.B. 1943, Washington and Lee University

Va.

Anderson, Donald Hood
B.S. 1944, Birmingham Southern College

Ala.

Dicksa, Alvin Paul
Dicksa, Carl Adam
Dillon, John Francis
B.S. 1943, Catholic University of America

Calif.
Calif.
D.C.

Badman, Frederick Charles
Bart, Robert Evanston
Baldiger, Edwin Ray

Pa.
Wash.
D.C.

Edwards, Larry
B.S. 1945, University of Mississippi

Miss.

Barss, Theodore Parker
(With distinction)

Md.

Evans, Bruce Andrew
B.S. 1944, Idaho State College

Idaho

Bateman, Joseph Robert III
Beck, Walter Charles

D.C.

Felt, Donald Nels
B.S. 1945, University of South Dakota

S.D.

Berry, James Frederick
(With distinction)

Va.

Ferris, Chalmer Williams
B.S. 1944, Mount Union College

Ohio

Berry, Chester Donald
B.S. 1943, Mount Union College

Va.

Fowler, DeLora Leone
Glazner, Frederic Strayhorn

D.C.

Biggs, Ernell Venus
(With distinction)

Ohio

Greaves, Harley C., Jr.
Green, Lester Bertleson

N.C.

A.B. 1944, The George Washington University

Md.

B.S. 1944, University of Idaho

Calif.

Boisclair, Thomas George
A.B. 1942, University of Wisconsin

Ohio

Hall, Wilson Luther
A.B. 1943, College of Wooster

Ohio

Brock, Howard Thomas
B.S. 1941, The George Washington University

Wis.

Harmon, Ernest Emery, Jr.
Hecht, Moses Bernard

Md.

Chin, William
Chenier, Marion Louise

D.C.

A.B. 1943, The George Washington University

N.Y.

Chenier, Robert Voltaire
Collins, George Harwood

D.C.

Hodges, Robert Marc, Jr.
A.B. 1944, University of California at Los Angeles

Calif.

Chenier, Robert Voltaire
Collins, George Harwood

D.C.

Houts, Richard Edward
A.B. 1943, University of Southern California

Calif.

Comer, Walter Horace

D.C.

Howard, Quentin Eugene
Johnston, J. Monte

Idaho

Comer, Walter Horace

Colo.

A.B. 1941, Stanford University

Calif.

Comer, Walter Horace

Canada

Kaufman, Paul
A.B. 1943, New York University

N.Y.

Kingman, Allen Frederick, Jr. A.B. 1944, The George Washington University	D.C.	Orsinger, William Hubert B.S. 1943, Catholic University of America	D.C.
Klopfenstein, Karl Henry B.S. 1943, University of Washington	Wash.	Pavluk, Walter B.S. 1943, Western Reserve University	N.J.
Lyons, Robert Timothy Mahaffy, Steve Renfrew Mankin, Haven Winslow A.B. 1943, Washington and Lee University	Conn. Calif. Md.	Prichard, Robert Williams Rawlings, Maurice Scaggs (With distinction) A.B. 1944, The George Washington University	Calif. D.C.
Mann, James Packard (With distinction) Martin, Robert Edward McAvoy, William Bernard A.B. 1944, The George Washington University	D.C. Pa. Maine	Sargent, James Allen Schneider, Bertram Alex A.B. 1944, The George Washington University	Md. D.C.
McGarry, Edward Clifford A.B. 1945, The George Washington University	N.J.	Shillinger, Frederick William Silva, Jose Luis B.S. 1943, Villanova College	D.C.
McShane, William Robert B.S. 1944, Haverford College	Pa.	Sislen, Maurice Arthur A.B. 1944, The George Washington University	Va. Utah
Melenzyer, Charles Louis B.S. 1943, Bucknell University	Pa.	Sites, James Glover Spencer, Orson Burnham B.S. 1945, Utah State Agricultural College	Pa. D.C.
Millar, Jack William A.B. 1945, Stanford University	Calif.	Squires, Charles Lloyd Stephens, Wade Naisbitt B.Mus. 1929; M.Mus. 1931, North-western University	Va.
Miller, Robert Lawrence B.S. 1943, Rutgers University	N.J.	Stone, William Leete III A.B. 1945, Amherst College	Wash.
Mills, Stephen Roy, Jr. Morrow, Gay A.B. 1943, Lynchburg College	D.C. D.C.	Stotler, Robert Cresap A.B. 1944, Stanford University	D.C.
Myers, Helen Sherman B.S. 1940, The George Washington University	Calif.	Strong, William Ronald Syne, Robert Haldane, Jr. B.S. 1945, University of Wyoming	Wyo. Md. Ark.
Myers, Richard Clayton A.B. 1944, Princeton University	Md.	Wehr, Maurice Burton Westfall, John Finley B.S. 1945, University of Arizona	D.C.
Niswonger, Joseph Kingdon A.B. 1944, The George Washington University	Ohio	Whelton, Richard Lee B.S. 1943, University of Maryland	D.C.
O'Neill, Edward B.S. 1945, University of Puerto Rico	P.R.	Zagier, Helene de Boey	

THE LAW SCHOOL

BACHELOR OF LAWS

OCTOBER 15, 1946

Collier, Chester Winthrop B.S. 1939, Trinity College	Conn.	Newmyer, Alvin Leroy, Jr. B.S. 1939, University of Virginia	D.C.
Dalton, Virginia Lee B.S. 1941, Wilson Teachers College	Wash.	Phippen, Anne Peterson Rich, Edward Hunter Sealion, Alfred Long (With distinction) A.B. 1940, Columbia University	Mass. Idaho D.C.
Davidson, James Campbell A.B. 1935, William Jewell College	Mo.	Snyder, Martha Frances A.B. 1945, The George Washington University	Va.
Edwards, James Edwin A.B. 1935, The George Washington University	Fla.	Sparkman, Joseph Ben B.S. in M.E. 1942, Rice Institute	Tex.
Garrett, Marie Gertrude B.S. 1936, New York University	N.Y.	Stanley, Laura May A.B. 1922, Colby College	Maine D.C.
Hinsdale, Charles Edwin A.B. 1940, University of North Carolina	N.C.	Stein, Ralph A.B. 1945, The George Washington University	Ala.
Jacobi, Wilma Jane A.B. 1941, Duke University	D.C.	Vance, Harrell Taylor, Jr. A.B. 1945, The George Washington University	Fla.
King, Fred Wesley Kneipp, Robert Frederick A.B. 1935, Duke University	Calif. D.C.	Zachry, William Brown, Jr. A.B. 1941, University of Florida	
Myers, Robert Holt A.B. 1940, Princeton University	Md.		

FEBRUARY 22, 1947

Balcom, Raymond Douglas A.B. 1940, Clark University	Mass.	Nylen, Edward Warren B.S. 1942, University of Maryland	Md.
Bugay, Paul Edouard A.B. 1942, The George Washington University	Pa.	Pear, Philip A.B. 1941, The George Washington University	D.C.
Busick, George Cabell A.B. 1941, The George Washington University	Va.	Rasbury, James Thomas A.B. 1936, Michigan State Normal College	Okla.
Cairns, Edna Marie B.S. in Ed. 1940, New Jersey State Teachers College	N.J.	Rutherford, George Little, Jr. A.B. 1935, Hamilton College	N.Y.
Curtis, Floyd John A.B. 1939, Princeton University	Calif.	Sacra, Wilbur Wilson, Jr. A.B. 1934, Murray State Teachers College	Ky.
Duvall, Andrew Bradley, Jr. A.B. 1939, Princeton University	Md.	Smith, Quale Bowerman A.B. 1940, Drake University	Md.
Earp, Thomas Spencer A.B. 1939, Elon College	Va.	Tengwall, Leroy Oswald A.B. 1938, University of Chattanooga	N.Y.
Gregory, Jesse Manning A.B. 1933, St. John's College	Va.	Webster, John Mark B.S. 1942, University of Minnesota	Minn.
Jukes, James Herbert Feilding A.B. 1933, St. John's College	D.C.	Woodside, Walter Wesley Yost, Paul Nace	Ill.
Karlow, Clifford A.B. 1945, The George Washington University	D.C.	Young, R. Herndon, Jr. A.B. 1918, College of Idaho	Pa. Idaho
McMillan, George Michael Menke, Bernard William A.B. 1940, University of Nebraska	Utah Nebr.		

MAY 28, 1947

Barr, John Lester, Jr. A.B. 1930, Harvard University	Md.	Hobbes, Alan Buxton A.B. 1930, Washington and Lee University	Fla.
Birdsall, John Edmund (With distinction) A.B. 1945, The George Washington University	D.C.	Jones, Olin Welborn, Jr. A.B. 1940, University of Oklahoma	Okla.
Cahill, William Todd A.B. 1938, Marshall College	N.Y.	Kaufman, Lynne Anderson A.B. 1940, Nebraska Wesleyan University	D.C.
Davis, Fred Wilson A.B. 1941, Washington and Lee University	W.Va.	Latimer, John Austin, Jr. B.S. 1939, Davidson College	Md.
DeLong, Allen Rhodes A.B. 1941, Washington and Lee University	D.C.	Leonard, Robert Sterling A.B. 1940, The George Washington University	Md.
Deutsch, Morris Robert Feldman, Melville William A.B. 1941, The George Washington University	N.Y. D.C.	A.M. 1941, Harvard University	Minn.
Freeland, Ralph Lynn, Jr. A.B. 1930, M.E. 1941, Stanford University	Va.	Marsden, Lawrence Albert B.S. 1941, University of Minnesota	Va.
Geiger, John Hermann A.B. 1938, The George Washington University	Va.	Marshall, Harry Taylor, Jr. A.B. 1940, University of Virginia	N.Y.
Glass, Thomas Samuel A.B. 1942, Tulane University	Va.	Mattimore, Walter Bernard McLean, Rufus Dinkle	Ky.
Glenn, Lewis Elwood Gromfne, Isadore J. A.B. 1940, University of Buffalo	Iowa N.Y.	Murphy, William A. Reissner, Carroll Dean B.S.C. 1939, State University of Iowa	D.C. Va.
Hamlin, Edmund Tarr Ph.B. 1936, University of Wisconsin	Wis.	Rodgers, Walter Manly, Jr. B.S. 1947, Clemson College	Va.
Hanes, Richard Woody Hill, Wayne Kemble Hirschman, Max Abraham B.S. in S.S. 1938, M.S. in Ed. 1940, College of the City of New York	Idaho Mass. D.C.	Scher, Robert Arthur A.B. 1942, University of Wisconsin	Wis.
		Travelstead, Charles Eugene Wahl, Richard Albert B.S. in M.E. 1934, University of Wyoming	Ill. Va.
		Watson, Bruce Parish Wells, Alfred Washburn A.B. 1939, Yale University	D.C. N.Y.

JURIS DOCTOR

OCTOBER 15, 1946

Irish, Robert Godwin (With distinction) B.S. in A.E. 1940, Cornell University	N.Y.	Olson, Charles Paul B.S. 1919, Utah State Agricultural College	Utah
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MAY 28, 1947

Divine, William Robinson A.B. 1937, Pomona College A.M. 1939, University of Cincinnati	Va.	Onion, Oliver Lloyd A.B. 1929, Lake Forest College Palmer, Carroll Funk B.S. 1940, University of Maryland Ph.D. 1944, University of Pennsylvania	Ga. Md. Wash.
Dorsey, William Henry, Jr. A.B. 1943, University of Dayton	Va.		
Kramer, William Walter A.B. 1941, Brooklyn College	N.Y.	Selander, Kenneth John Olaf A.B. 1941, University of Washington	

MASTER OF LAWS

OCTOBER 15, 1946

Olsen, Elwood Harlan A.B. 1938, Morningside College J.D. 1941, University of Iowa	S.D.	Patterson, Donald MacKelvy B.S. in C.E. 1930, Bucknell University J.D. 1944, The George Washington University	Va.
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FEBRUARY 22, 1947

Pascuzzo, Julius Richard LL.B. 1940, St. John's University	N.Y.	Rynerson, Wendell A.B. 1926, DePauw University LL.B. 1929, Indiana University	Ind.
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MAY 28, 1947

Bassuener, Oliver Herbert LL.B. 1930, Marquette University Benedicto, Roberto S. LL.B. 1939, University of the Philippines	Wis.	Snyder, Martha Frances A.B. 1945, LL.B. 1946, The George Washington University	Va. W.Va.
Gray, Robert McDonald A.B. 1929, LL.B. 1932, University of North Carolina	N.C.	Sweeney, John Daniel A.B. 1936, Marietta College LL.B. 1940, Georgetown University	Ohio
Smyser, Marion Raymond A.B. 1942, LL.B. 1946, University of Wyoming	Wyo.	Yourman, Edwin A.B. 1917, LL.B. 1939, University of Oklahoma	

SCHOOL OF ENGINEERING

BACHELOR OF CIVIL ENGINEERING

OCTOBER 15, 1946

Miklofsky, Haaren Albert	N.Y.
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FEBRUARY 22, 1947

Ferguson, Earl Elwyn	Md.
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MAY 28, 1947

Doe, Frederick Henry, Jr. Kreisberg, Barrett Gerald	Va. N.Y.	Lane, John McAllister Shalowitz, Erwin Emmanuel	D.C. D.C.
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BACHELOR OF ELECTRICAL ENGINEERING

FEBRUARY 22, 1947

Jeffers, Norton Lyndon	Md.
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MAY 28, 1947

Babin, Robert Sidney Barauck, Alfred Howard A.B. 1941, New Jersey State Teachers College, Montclair	D.C. N.J.	Kalv, George Paul Nelson, Theodore Warren Pida, George	Fla. D.C. Va.
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BACHELOR OF MECHANICAL ENGINEERING

FEBRUARY 22, 1947

Fenton, Richard Lee

D.C. Zarrilli, Kenneth Frederick

Conn.

MAY 28, 1947

Bernstein, Bernard

N.Y.

Cook, Isidore

N.Y.

B.S. 1942, The George Washington
UniversityB.S. 1940, College of the City of
New York

Weathersbee, Frank Burkhead, Jr.

D.C.

BACHELOR OF SCIENCE IN ENGINEERING

OCTOBER 15, 1946

Headrick, Thomas Wilburn

Idaho

MAY 28, 1947

Bratt, Bryce Wendell
Geisler, Felix Dietzmann
A.B. 1933, Lynchburg College

Nebr.

Halberstadt, Nathaniel Herbert

N.Y.

Md.

SCHOOL OF PHARMACY

BACHELOR OF SCIENCE IN PHARMACY

OCTOBER 15, 1946

Devane, Sister Mary Raphael

D.C. Heaton, Sister Jane Frances

D.C.

FEBRUARY 22, 1947

Freidson, Morris

Va. Lawson, Alfred Munk

Md.

MAY 28, 1947

Chilcoat, George Owen
Giovacchini, Joseph Martin
Kull, Raymond Christian

Va.

Mitchell, James Lawrence

Ind.

Utah

A.B. 1936, Earlham College

D.C.

Raum, Elliott Marvin

D.C.

SCHOOL OF EDUCATION

BACHELOR OF ARTS IN EDUCATION

OCTOBER 15, 1946

Jones, Bernice Grace
Muchnick, Sarah Belva

N.C.

Walsh, Helen Frances

Pa.

D.C.

FEBRUARY 22, 1947

Jacobson, Miriam Taishoff

Va.

MAY 28, 1947

Allegri, Theodore Henry
Allen, Mildred Coppage
Benn, Hazel Elizabeth
Erickson, Eleanor Grace
Fitzgerald, Wilmot Herman
Friauf, Helen
Harris, Susanne Laing
Ingram, Frances Baker

D.C.

McDonald, Evelyn Josephine

Iowa

Va.

M. Nabb, Gertrude Elliott

D.C.

Maine

Miller, Betty Marie

Pa.

D.C.

Pettigrew, Jamie Lucille

Ark.

Pa.

Schroeder, John Juergen

Wis.

Va.

Snyder, Gene Ann

W. Va.

D.C.

Spence, Mary Josie

Tex.

BACHELOR OF SCIENCE IN HOME ECONOMICS

FEBRUARY 22, 1947

Collins, Ruth Mary
Howe, Carol WernerD.C. Meeuwse, Alys Mary
Iowa Snider, Elizabeth Moody

MAY 28, 1947

Curtis, Jean Gilmore

D.C.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

OCTOBER 15, 1946

Matera, Ralph Joseph

D.C.

FEBRUARY 22, 1947

Monchlovich, Mike

Va.

MAY 28, 1947

Agusiewicz, Henry Anthony
Gustafson, Edsel Warren
Jackson, Robert Eugene
Labukas, Peter Paul
McNary, Don GeraldPa. Rauch, Jimmy Louis
Ill. Read, Jeanne Elinor
Ind. Tolan, Alma-Jean
Pa. Welc, Walter William
Ill.

MASTER OF ARTS IN EDUCATION

OCTOBER 15, 1946

Adamkiewicz, Mary Jewel
B.S. in Ed. 1941, University of Georgia
Best, Ronald Harvey
B.S. 1931, Eastern State Teachers Col-
legeGa. Foster, Robert William, Jr.
B.S. 1949, Wilson Teachers College
S.D. Giovannetti, Mary Florence
B.S. 1944, Wilson Teachers College

B.A. 1946, Willamette University

Calif. Helm, Ruth Ellen
B.S. in Ed. 1940, University of
Minnesota

Bledsoe, Daniel Perrin

Pa. Johnson, Jessie Margaret
A.B. 1944, The George Washington
University

B.S. 1934, University of Nevada

Ohio Morgart, Lena
A.B. 1941, The George Washington
University

Cochran, Byron McClain

N.Y. Oldaker, Hazel Leota
A.B. in Ed. 1942, The George Wash-
ington UniversityB.S. 1941, West Chester Teachers
CollegePa. Rumbough, William Samuel
B.S. in E.E. 1927, The George Wash-
ington University

Craig, Helen Knox

Wis. Forkner, Leone Prochnow
B.S. in H.E. 1945, The George Wash-
ington UniversityA.B., B.S. in Ed. 1936, Ohio State
UniversityPa. Sand, Mary Elizabeth
B.S. 1940, University of Wisconsin

Diamond, Evelyn Hilda

N.Y. Scott, Charles Preston
B.S. 1929, College of William and
Mary

A.B. 1933, New York University

D.C. Henderson, William Harold
A.B. 1946, Shepherd College

Edwards, Phyllis Mildred

D.C. McGregor, Jean
A.B. in Ed. 1932, The George Wash-
ington University

B.S. 1940, Pennsylvania State College

Pa. Sand, Mary Elizabeth
B.S. 1940, University of Wisconsin

Forkner, Leone Prochnow

N.Y. Scott, Charles Preston
B.S. 1929, College of William and
MaryB.S. in H.E. 1945, The George Wash-
ington University

FEBRUARY 22, 1947

Ball, Pauline Thomas
B.S. 1936, Wilson Teachers CollegeD.C. Henderson, William Harold
A.B. 1946, Shepherd CollegeDeShazo, Katherine Crenshaw
A.B. 1945, The George Washington
UniversityD.C. McGregor, Jean
A.B. in Ed. 1932, The George Wash-
ington University

Finley, Catherine Marie

Pa. Sand, Mary Elizabeth
B.S. 1940, University of Wisconsin

A.B. 1936, College Misericordia

N.Y. Scott, Charles Preston
B.S. 1929, College of William and
Mary

Fournier, William Leonard

N.Y. Scott, Charles Preston
B.S. 1929, College of William and
Mary

A.B. in Ed. 1946, Shepherd College

N.Y. Scott, Charles Preston
B.S. 1929, College of William and
Mary

MAY 28, 1947

Andrus, Virginia Dowden A.B. 1944, The George Washington University	Va.	Lunson, Clifford Pierce B.S. 1939, Wilson Teachers College	D.C.
August, Frank Joseph B.S. 1943, The George Washington University	D.C.	Maguire, Helen Ross A.B. 1934, The George Washington University	D.C.
Cox, Mary Winifred A.B. 1940, The George Washington University	Mass.	Naechter, Marie Anne B.S. 1947, Wilson Teachers College	D.C.
Canin, Ruth Rosett A.B. 1934, The George Washington University	D.C.	Newcomb, Laurence C. B.S. 1938, Buffalo State Teachers College	N.Y.
Dennis, William Merrill A.B. 1937, State University of Iowa	Iowa	Payne, Camilla Moody B.S. 1929, Mary Washington College	D.C.
Farver, Albert Steele A.B. 1926, Western Indiana College	Md.	Plau, Edward, Jr. B.S. 1918, North Dakota Agricultural College	N.D.
Henton, Harriet Lucille A.B. 1943, University of Akron	Ohio	Reeder, Ronald Ranson A.B. 1945, Shepherd College	W.Va.
Hiltz, Robert Alvin B.S. 1937, Wilson Teachers College	D.C.	Reese, Bartonhue Wain A.B. 1942, American University	Va.
Jett, James Gordon B.S. 1942, State Teachers College, Towson, Md.	Md.	Sammis, Ethel Eversley B.S. 1938, Russell Sage College	Md.
Kaufman, Miriam B.S. 1941, Wilson Teachers College	D.C.	Squire, Elinor A.B. 1925, University of Kansas	Minn.
Koontz, John Donovan B.S. 1939, Wilson Teachers College	D.C.	Stingle, Howard Ellsworth A.B. 1942, The George Washington University	Ind.
Lucas, Mary B. B.S. 1939, Tennessee College for Women	Tenn.	Wagner, Mary Gertrude A.B. 1944, The George Washington University	D.C.
Lund, Rolland James B.S. 1932, University of Illinois	D.C.		

DOCTOR OF EDUCATION

OCTOBER 15, 1946

Devilbiss, Wilbur A.B. 1935, Western Maryland College A.M. 1935, University of Maryland Thesis: "Criteria of a Good Master Schedule with Special Reference to Small and Medium Sized High Schools"	Md.
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FEBRUARY 22, 1947

Baer, Max Frank LL.B. 1937, Creighton University A.M. 1942, Columbia University Thesis: "Guide to the Preparation of an Occupational Monograph"	D.C.
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MAY 28, 1947

Graves, Elliot Boyd A.B. 1942, A.M. 1935, College of William and Mary Thesis: "Undergraduate Apprentice Teaching in the Education of Elementary Teachers"	Va.
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SCHOOL OF GOVERNMENT

BACHELOR OF ARTS IN GOVERNMENT

OCTOBER 15, 1946

Barnes, Frances L. Beebe, William Bovell DeFreitas, Edward Neville	Mich. Iowa Va.	Dowdy, Sam Gene Duprey, Wilson Gilliland Evans, Harold Robert	Mo. Ohio Va.
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Friend, Norman Harold
Kahn, Bernard Harvey
Lakas, Nicholas Spiros
Leonard, Jack
McMullen, Thomas Richard

N.Y. Nichols, Frank Dean
D.C. Raymond, John
D.C. Ross, Ruth
Oreg. Sabo, Anne Pauline
D.C.

FEBRUARY 22, 1947

Baker, Harry LeRoy
Barrett, Thomas Joseph, Jr.
Fillman, Gwendolyn Rosalie
(With distinction)
Glasgow, Robert L.
Hall, Ross Campbell
Hermann, Jeanne Louise
Howard, Harold Howard, Jr.
McMullen, Donald Frederick
Muhonen, Neil Nicholas

Okla. Nelson, Raymonde Sophie
Pa. Nolin, John Alfred
Nebr. Schwartz, Dorothy Louise
N.Y. Sherwood, James Steek
Ga. Spector, Eugene Paul
Ohio Thompson, William Blake
Mass. Thompson, William Wayne, Jr.
D.C. Vass, George Oakes, Jr.
Va. Yahrer, Philip Anthony

MAY 28, 1947

Aldridge, Eugene Talbert, Jr.
Ayers, Richard Porter
Beatus, Lawrence, Jr.
Blomquist, William Theodore
Brandt, Iva Almada
Bresdell, Albert Perry, Jr.
(With distinction)
Brugioni, Dino Anthony
Burcham, Robert Poplin
Cassady, William David
Clark, India
(With distinction)
Clark, Sidney Bernard
Cohen, Norman
Conlee, Bonnie Lovell
Costanzo, Frank John
Cummings, James Robert
David, Ralph Rogers
Dietz, William Edward
Franklin, Mary Jeanne
Grady, James Theron
Green, Richard Ester
Greene, Richard Louis
Ham, William Albert
Harrison, Haldon Roberts
Hill, Thurman, Jr.
Holecombe, William Collis

Calif. Howell, Leon Davis
Va. Hunt, Donley Frayne
N.Y. Jacoby, William James, Jr.
Ind. Lavin, Mary Margaret
Md. Macgregor, Robert James
Md. Maclean, Norman Spencer
Mazur, Abraham Nathan
Mo. McCabe, John Duncan
Md. McCulloch, Wendell Holmes, Jr.
Ky. McLaughlin, Joe Chester
Ga. McLaughlin, John Avis
N.Y. McManus, Jean
D.C. Merritt, Elise Wickes
D.C. Mollenson, Roy Handen
D.C. Mize, Robert Frank
Conn. Oliver, Massie Elizabeth
Iowa Paskowitz, Harry
Calif. Pelton, Eleanor Ramsay
Pa. Prather, Ellbridge Crawford
Ind. Puche, James Moffat
Miss. Reilly, George Kenneth Gordon
D.C. Rickerson, Fred Wilson
Md. Smith, Leon Kushner
Va. Tucker, Frank William
D.C. Turner, Charles Sackett
D.C. Tyson, Jean Carol
Ala. White, Ruth

MASTER OF ARTS IN GOVERNMENT

OCTOBER 15, 1946

Kattenburg, Paul Maurice Conn. Peterson, Robert Lenus
B.S. in Com. 1943, University of A.B. 1945, The George Washington
North Carolina University
Lizardo, José Desierto P.I. Stonesifer, Joseph Novak
A.B. 1938, San Francisco State College B.S. 1936, University of Illinois

FEBRUARY 22, 1947

O'Connor, William E. Mass. Sherfy, Laurence Polkinhorn
A.B. 1942, Brown University A.B. 1933, LL.B. 1936, The George
Raymond, Edward Ashwell Conn. Washington University
A.B. 1936, Yale University LL.M. 1937, Harvard University

MAY 28, 1947

Bolen, Arnold Lee D.C. Corson, Glenna Hancock
A.B. 1937, High Point College A.B. 1944, The George Washington
B.S. 1938, Radford State Teachers University
College Evans, Janet Stokes
Ed.B. 1942, University of Hawaii A.B. 1946, The George Washington
University

Degrees Conferred

331

Fowler, Mary Catherine A.B. 1941, University of Minnesota	Mont.	La Torre, Luis Torres A.B. 1923, University of Puerto Rico	P.R.
Hayes, John Hamilton A.B. 1941, Dartmouth College	D.C.	Lowry, Rose Cleodwyn A.B. 1941, The George Washington University	Wash.
Hilpert, John M. B.S. 1938, Oregon State College	Pa.	Notary, Manetta Bertha A.B. 1942, The George Washington University	Ohio
Jacobs, Judith Frank A.B. 1946, Antioch College	N.Y.	Reed, Joyce Leslie A.B. 1946, Texas College of Mines and Metallurgy	Tex.
Landsberg, Madeline A.B. 1949, Hunter College	N.Y.		

GRADUATE COUNCIL.

DOCTOR OF PHILOSOPHY

FEBRUARY 22, 1947

Fuller, Douglas Raymond A.B. 1928, M.B.A. 1930, Stanford University Thesis: "Governmental Financing of Private Business"	Ill.
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MAY 28, 1947

Clark, Donald Bettice A.B. 1938, Wilmington College Ed.M. 1940, University of Cincinnati Thesis: "Nicholas Rowe: A Study in the Development of the Pathetic Tragedy"	Ill.	Jacobs, Leon A.B. 1945, Brooklyn College A.M. 1948, The George Washington University Thesis: "Relationships of Bacteria and Amoebae in Cultures of <i>Endomorpha histolytica</i> ."	N.Y.
Dary, Abraham A.B. 1936, Brooklyn College M.S. 1940, New York University Thesis: "Self selection of Diet as an Instrument for Investigating the Nutritional Requirements of Rats"	N.Y.		

RECIPIENTS OF AWARDS

SCHOLARSHIPS

1946-47

- American Foundation for Pharmaceutical Education Scholarship:* Arvilla Keller
The Byron Andrews Scholarships: Dorothy Marie Buckelew, Natalie Roberts, Alma Jean Tolan
The Emma K. Carr Scholarships: William Henry Dorsey, Jr., Wayne T. Jacob, John Richard Krueger, Creed Flannery McFall, Jr., Thomas Edward Mutchler, Jr., Harold Shulman, Howard Robert Unger
The Columbian Women Scholarships: Marcia Boteler, Harriet May Cochran, Norma Evenson, Mary Griffith, Betty June Karle, Elaine Langerman, Margaret Eleanor Pritchard, Peggy June Watkins, Vera Weisskopf
The Isaac Davis Scholarship: Dorothea Anna Baker
The Robert Farnham Scholarship: Adrienne Lillian Barry
The Elma Lewis Harvey Scholarship: Margaret Eleanor Pritchard
The High School Scholarships: Barbara Lee Boror, Grace Isabella Bunker, Vivian Toba Burke, Jules Isaac Cahan, Jean Otilia Casanova, Michael Anthony Corrado, Dorothea van Rensselaer Cruger, Dorothy Davidson, Clarke Davidson, Maryanne Elizabeth Dotson, Albert Morris DuGoff, Dorothy Jean Eggert, Robert Frank Ensslin, James Evans Forcum, Paul Weatherly Garrett, Florence Betty Hager, Barbara Louise Hanby, Jean D. Hartley, Forest Klair Harris, Jr., Marjorie Ann Hill, Edna Joy Ivie, Barbara Anne Johnson, John Herbert Kerlin, Ellin Ruth Krauss, David Rino Lenarduzzi, Mary Oleta Long, Lois Carolyn Lord, Patricia Ann Ludwig, Chester Hayden McCall, Harden Marsden McConnell, Mildred Ann McDowell, J. Wallace McMell, Mary Alice Novinger, Clara Louise O'Neil, Elizabeth Ann Paisley, Courtland Stanley Randall, Doris Lorraine Rock, Bernard Rubin Segal, Barbara Anne Simms, Carl Solterer, Morton Lee Spiegel, Sylvia Anita Srnka, James Kermit Van Slyke, Josephine Walsh, William Upton Walton, Marian Emma Woolley
The Newspaper Scholarships:
Evening Star: Frederick de Luna, Eleanor Kaye Ryce
The David Spencer Scholarship: Oma Mae Hilliard
The Trustee Scholarships: Enrique Raul Ballesteros, Jr., Harvey Breslin, Anna-belle Eubank, Robert Moss, Robert Roland Peterson, Richard Scott
The John Withington Scholarship: Dorothea Anna Baker
The Ellen Woodhull Scholarship: Adrienne Lillian Barry
The Zonta Club Scholarships: Gertrude McNabb, Joan Platt

PRIZES

1946-47

- Alpha Chi Sigma Freshman Awards in Chemistry:* Joseph Edwin Rawlings, Jacob Milton Sacks, Leerland Gerard Van Uiter
Alpha Chi Sigma Senior Award in Chemistry: Harden Marsden McConnell
Alpha Delta Pi Award in French: Sally Dessez
Alpha Kappa Psi Award in Commerce: Ralph Jack McGuire
American Institute of Chemists Award in Chemistry: George Ireland Poos
Byrne Thurtell Burns Award in Chemistry: Allen Gardner Weise
Chi Omega Award in Social Sciences: Marjorie Ida Clark

Colonial Dames Award in History: Jessica Peel Church
 John Henry Cowles Awards in Government: Albert Perry Brodell, Jr., India Clark
 Dewitt Clinton Croissant Award in Drama: Neil Venable McNeil
 E. K. Cutter Award in English: Alexander Chervitz
 Daughters of the American Revolution Award in History: Betty Lee Williams
 Delta Gamma Scholarship Award: Dorothy Jean Eggeling
 Delta Zeta Award in Botany: Patricia Ann Ludwig
 Ellsworth Award in Patent Law: John Thomas Symes, Jr.
 Joshua Evans III Memorial Award to that man in the graduating class who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows: James Moffat Pugh
 Willie E. Fitch Award in Chemistry: Clarke Davison
 Alice Douglas Goddard Award in American Literature: Grace Guerra
 Edward Carrington Goddard Award in French: Charles Francis Gilman
 James Douglas Goddard Award in Pharmacy: Elliott Marvin Raum
 Morgan Richardson Goddard Award in Commerce: Elizabeth Loraine Fallon
 Gardiner G. Hubbard Memorial Award in United States History: Howard Hall Borthwick
 Kappa Kappa Gamma Award in Botany: John Stewart Findley III
 John Bell Lerner Award to that member of the graduating class of the Law School who shall have attained the highest average grade in the entire course: Alfred Long Scanlan
 Mortar Board Award to the woman student in the Sophomore Class having a scholastic standing of B or higher and the most outstanding record in activities: Mary Olga Longley
 Omicron Delta Kappa Award to that member of the Senior Class who, throughout his course, has done the most constructive work in student activities: Lawrence Gordon Strickland
 John Odronaux Award to that member of the graduating class of the School of Medicine maintaining the highest scholastic standing: Walter Charles Beek
 Phi Eta Sigma Award to the beginning male student attaining the highest scholastic average in his first full term of work: Sidney Futterman, Robert Lee Liken
 Phi Sigma Kappa Award in Oratory: Margaret Mary Reynolds
 Phi Sigma Sigma Nileen Cooper Award in Psychology: Dorothy Jean Eggeling
 Pi Beta Phi Award to that member of the Senior Class who, throughout her course, has done the most to promote student activities: Lois Carolyn Lord
 Pi Lambda Theta Award to the student who produces, during the year, the most meritorious Master's thesis in Education: Virginia Dowden Andrus
 Sigma Kappa Award in Chemistry: Legrand Gerard Van Utert
 James MacBride Sterrett, Jr., Award in Physics: Donald David Blanchard
 Charles Clinton Swisher Historical Club Award in History: William Kluback
 United Daughters of the Confederacy Award in History: Howard Hall Borthwick
 Thomas F. Walsh Award in History: Robert Osborn Mead
 Alexander Wilbourne Weddell Award for essay on World Peace: Stuart David Nelson

STUDENT ASSISTANTS

JUNE 1, 1946 TO JUNE 1, 1947

Art: Edward Revenir Bush
 Biology: Richard August Ballard, Frank Redfield Brown, George Stepkin Cain, Marvin Howard Cohn, Charles Kenneth Dewitt, Frank Joseph Filippone, Thomas William McKinley, Mervin Shalowitz

- Botany:* Patricia Eileen Aylward, Agnes Ayre, Harry Charles Ehrmantraut, Glenn Franklin Morgan, Clara Louise O'Neil, Mary Eleanor Plyler, Lillieanna Hale
 Schmid, Hubert Shaw, Ruth Ellen Smith, Eloise Lenore Spearman
- Business Administration:* Eugene Talbert Aldridge, Jr., Robert Bruce Anderson, Roy Winfred Barker, Harold Ralph Berson, Albert Brodell, Jr., Clarence Wente Dallager, Edward Nevile DeFeitas, Harold Robert Evans, William Aaron Ham, Frank Shields Jackson, Morgan Fitzpatrick Jacob, Yorke Mills, Jacob Bear Rottenberg, A.B., Eleanor Hanson Thompson, A.B., Kathryn Marie Wallace, Archie Wilson
- Civil Engineering:* Donald Vernoy Davis, Don Ivor Gulbrandson, B.S. in C.E., Peter Kontsandreas, James Leo Murphy, Samuel Harry Raker, Thomas Rouse Tate
- Chemistry:* Louise Benson, Elise Ann Brandenburger, Margaret Cammer, Emon Alfred Coil, Robert Eagle Dailey, Clark Davison, Shirley Gimbel, Charles Hackett, Jane Haggart, Nathaniel Herbert Halbertadt, Marion Lois Harwood Johnson, Jr., Ivan Lindahl, Harden Marsden McConner, Caldwell McCormick, Jr., Lewis Munan, Robert Newell, Helen Ross, Lee Schoonenman, Pauline Zoe Smyrniotis, Allen Gardner Weise
- Economics:* Patricia Hammelly Albers, Joseph Warren Blanton, James Harding Ewart, A.B., Miriam Iseman Frechtman, Daniel Roland Fustfeld, A.B., Robert Denzler Holmes, John Howard, Elizabeth Hyatt, Helen Ludwig, John McCulloch, A.B., Wendell McCulloch, Wallace Nathan Phelps, Margaret Eleanor Pritchard, Adrian Barclay Tolley
- Education:* Kenneth Fife Dixon, A.B., Jan Glatly, Nina Kleger
- Electrical Engineering:* Perry Jecko, George Paul Kaly
- English:* Sybella White Clayton, Roberta Josephine Grigsby, Jentry Hines, Natalie Roberts
- History:* Howard Hall Borthwick, A.B., Edith Cunningham, Janet Stokes Evans, A.B., Elsa Dik Glass, Raymond LeRoy Hays, Jack Wilkeson Henry, Jr., Roy Harry Hoopes, A.B., Eugenie Theresa Lee, John MacNab, Betty Ann Maxwell, Marjorie Ann McMillen, Stuart David Nelson, Jean Louise Oswald, David Austin Palmer, James Cornelius Vanstony
- Mathematics:* Eileen Jane Cummings, Crum Hubert Eatmon, John Adolph Nibel, Raymond Selva Potter, Leonard Alfred Snider
- Mechanical Engineering:* Arthur Charles Brown, Richard Lee Fenton, Stanley Walter Lange, Lawrence Charles Oakley, David Arthur Walsh
- Pharmacy:* John Charles Batease, Raymond Christian Kull, Richard Leo Miner
- Philosophy:* Magdalene Santell Confrey, Sally Chew Desser, Bert Thoms
- Physical Education:* Allen Evry, Ailsa Jones, Bruno Zembruksi
- Physics:* Arthur Elmer Baalson, A.B., Lawrence Ray Brown, Charles Edward Campbell, John Church, Dwin Richardson Craig, Robert DeVerle Doud, Meyer Dwass, Richard Edwin Hunton, Girard Rice Lowrey, Jr., Charles Francis Luce, Robert Clinton Ludwig, Byron Butler Mizell, Frank Dean Nichols, John Clarence Nygard, Frances Mary Pomerantz, A.B., Wray Smith, Robert Oliver Wales, William Upton Walton
- Political Science:* Eva Dorton, Nancy Hanck, Jane Hix, Thomas Leroy Hart, Tommy Ishee, Martha Diven Johnston, Mary Jane Klipple, A.B., Wendell Aileen Meyerson, Mary Ann Moffett, A.B., Raymonde Sophie Nelson, Jean Pritchard, John Raymond, Ida Jeanne Tobias, Betty Trucks
- Psychology:* Beverley Anne Batley, Beverley Jean Berry, Mary Laurie Cobb, Bettyann Dean, Lois Pengelly Dickson, Charlotte Pearl Friedman, Barbara Gitlan, Louise Gould, Ann Kennard Hathaway, Betty Hoffer, Abe Judson, Margaret Ann Landergeren, Jane Merwin, Joan Platt, Faye Darleen Wessner, Lawrence Godfrey Woodward, Marian Emma Woolley
- Romance Languages:* John James Dennemeyer, Donald Lubin

CURRENT OPERATING EVIDENCE (Case 11-1)

Secretarial Studies: Betty June Kemp, Rose Marie Reinhardt

Sociology: Donald John Standen

Speech: Stanley Louis Berlinsky, James Golden, Charles Harrington, Jr., Mary Jane Nelson, Mary Jane Summers

Statistics: John James Addabbo, Beverly Barrett, Robert Andrew Chamberlain, Jacob Chassan, B.S., Barbara Hanby, James Langley Hinton, Margaret Erskine Hoffman, Lura Dean Hoshinori, Anne Marie Stewart, William Weiss

Zoology: Marian Alvord, Katherine Fairhead Auman, Donald Boyer, B.S., William Kimmel Cameron, Jack Crowell, Charles Patrick Dagg, Maryanna Elizabeth Dotson, Seymour Dubroff, Virginia Merle Elmendorf, Alvin Bartlett Fried, Freddie Patrick Gargano, Doris Gates, A.B., Ann Helen Gerstenfeld, Frances Baker Ingram, Leon Jacobs, Elizabeth Anne Kline, Robert Krickmar, A.B., Georgina Lancaster, Patricia Ann Ludwig, Robert Urban Mann, Shirley Mann, Catherine Ann Martin, Miriam Jean Maxwell, Elizabeth Price, Marjorie Elizabeth Raab, Julio Ramirez, Mera Riddell, A.B., Roy Elliott Ritts, Jr., Diana Roosevelt, Kendall Owen Smith, Patricia Ann Smith, Samuel Rodmond Smith, Alvin Solled, Charles Geer Stockard, Harold Griffith Sutton, Jr., Charles Frank Wallack, Dorothy Ann Washington, A.B., Leo Willer, Robert Kenneth Wineland

STUDENTS REGISTERED

SUMMER TERM 1946

FALL AND WINTER TERMS 1946-47

A		
Aabel, Bernard	Wis.	Adams, Alton George
B.S. 1932, University of Minnesota		Adams, Byron Talmadge
Aarons, Isadore A.	Ga.	Adams, Curtis Frank
B.S. 1933, University of Chicago		A.B. 1918, A.M. 1941, University of California
Abbe, Janet Louise	Mich.	Adams, Edward Paul
Abbott, Abbott Demetrious	D.C.	Adams, Ernest Eugene
Abbott, Alfred Achilles	Va.	B.S. 1918, University of Minnesota
Abbott, Gene Walker	Va.	Adams, Frederick Armstrong
Abbott, Kathryn Kalbus	D.C.	Adams, Gay
B.S. in Ed. 1939, University of Maryland		Adams, Glenn Jay
Abbott, Marjorie Ann	D.C.	Adams, Herbert Harrison
B.S. 1943, Wilson Teachers College		Adams, Jack Richard
Abbott, Robert Sutton	Ohio	Adams, Jay Harry, Jr.
A.B. 1943, Kent State University		Adams, Josephine Mary
Abbott, Robert Tucker	D.C.	Adams, Leontine Towson
B.S. 1946, Harvard University		A.B. 1939, A.M. 1941, The George Washington University
Abel, Edward	Mass.	Adams, Mary Kathryn
Abel, Leonard Leon	D.C.	Adams, Nancy Gaviland
Abell, Charles Whitney	D.C.	Adams, Richard Hugh
Abellon, Maria Luisa	D.C.	Adams, Robert Melvin
Abendschein, Mary Jane	Va.	Adams, Spencer Moore
Abenshon, Seymour S.	D.C.	B.S. 1934, United States Naval Academy
B.B.A. 1943, College of the City of New York		M.S. 1943, Massachusetts Institute of Technology
Aber, Barbara Brittain	N.Y.	Adamson, George Q.
Aberant, Thomas Roman	D.C.	B.S. 1935, Iowa State Teachers College
Aberg, William Arvid, Jr.	Tenn.	Adamson, Keith Earl
Abernathy, John Emmons		A.B. 1943, The George Washington University
B.C.S. 1944, Southeastern University	D.C.	Adamson, Robert Lyles
Abernathy, Robert Eugene	Va.	Adankiewicz, Mary Jewel
Abewton, Florence Staughen		B.S. 1941, University of Georgia
B.S. 1923, Oklahoma Agricultural and Mechanical College	Ill.	Aldabbo, John James
Abney, Archie Lowell		Adams, William Jacob
B.S. 1939, University of Illinois	Calif.	Adell, Margaret Virginia
Abraham, Abe Samuel		Adelman, Adele Ann
B.S. 1918, Westminster College	Iowa	Adelson, Norman Pershing
Abraham, Hommey Lorraine	D.C.	B.S. 1941, University of Alabama
Abrahams, William Henry	N.Y.	Aden, Dean Meredith
Abramowitz, Charles	D.C.	B.S. 1935, University of Nebraska
Abrams, Edwin Fred	N.Y.	Aderhold, Leon Wyatt
Abrams, G. Doris		A.B. 1940, Baylor University
B.S. 1941, Queens College	D.C.	Adkins, M. Shepard
Abrams, Sheldon David	D.C.	Adler, Allen
Abramson, Adele	N.Y.	Adler, Irving
Abramson, Milton Eli		B.S. 1939, New York University
B.B.A. 1943, College of the City of New York	D.C.	Adler, Lee Elliott
Abreo, Nancy Lee	D.C.	Adrian, Lois Edna
Abril, Lamarque Milagros	N.Y.	Ady, John Hamilton
Abushadv, Saleva	N.Y.	Aldem, LeRoy P.
Ackerly, Robert Louis	D.C.	Affey, Harry Jerome
Ackerman, Florence Lilyann	D.C.	A.B. 1946, University of Southern California
Ackerman, Joseph Lawrence	D.C.	Azayoff, Theodore Daniel
Ackerman, Paul	N.Y.	Aver, John Albert
Acosta, Frank Rafael	N.Y.	Agpaoa, Pedro Orque
Adair, Doris Jean		
Adair, James Reid		

Agrait, Francisco	P.R.	Allen, Jacqueline	Md.
Agur, Peter Van Allen	Calif.	Allen, James Arden	Va.
Akusiewicz, Henry Anthony	Pa.	Allen, John B.	D.C.
Aschfeld, George Samuel	Va.	Allen, John M.	N.Y.
Abmann, Mary Elizabeth	Iowa	Allen, Jonathan Harvey	Tenn.
Aiken, Bernard	Md.	Allen, Mildred Coppace	Va.
Aiken, Fred Wright	Mass.	Allen, Nancy June	Md.
Aiken, John	D.C.	Allen, Patricia Terry	Va.
Aikman, Edward	D.C.	Allen, Paul Bradley	Va.
Ailes, Curtis, Jr.	Va.	Allen, Sylvia Dunnavant	Va.
B.E.E. 1941, Ohio State University	Va.	Allen, Thomas Franklin	Ohio
Almale, George Cobert	Va.	Allen, Thomas Howard	D.C.
B.S. 1942, Rutgers University	D.C.	Allen, William Albx	D.C.
Ainsworth, Margaret Anne	D.C.	B.S. 1948, Montana State College	Md.
Ainsworth, Robert Price	Panama	Allender, Bird Jacquette	D.C.
Aizpura, Nestor	Va.	Allender, Ora Munde	D.C.
B.S. 1944, Panama University	Mass.	A.B. 1946, West Virginia University	D.C.
Alkan, Frank Phillip	D.C.	Allex, Victor	D.C.
Alawine, Alton Jackson	Conn.	A.B. 1930, The George Washington University	Ind.
Albamonte, Eugene	Md.	Alley, Barbara Jeanne	D.C.
Alban, Emil John, Jr.	Pa.	Alley, Dwight Gonham	N.C.
Alban, Paul Henry	D.C.	Alley, Edith	D.C.
Albaugh, Helen Elizabeth	D.C.	B.S. 1948, Western Carolina Teachers College	D.C.
Alberding, Arthur Victor	D.C.	Allison, Charles Henry	D.C.
Albers, Patricia Marm H.	D.C.	Allison, Mary Ellen	D.C.
Albert, Alfred Lobe	D.C.	Allison, Samuel Francis	Va.
Albert, Irvin R.	D.C.	A.B. 1945, B.S. 1947, Susquehanna University	
A.B. 1936, The George Washington University	Va.	LL.B. 1942, The George Washington University	N.Y.
Albert, James Roger	D.C.	Allison, Theodore	D.C.
Albert, Leila Alesta	S.D.	Allison, William	D.C.
Albert, Patricia Louise	D.C.	Allman, William Dominic	D.C.
Albinson, James Edwin	W.Va.	Allant, Ralph Bogley	D.C.
Albright, Frank Glenn	Kans.	Alfred, Ned Jervis	Va.
Albright, Penrose Lucas	Md.	Allwine, Jean Louise	Md.
Albritton, John L.	Ill.	Almack, John William	Ind.
Alde, Robert Oliver	Conn.	Almeida, Virgil Antunes	D.C.
Alderman, Alice Vivian	D.C.	Alpar, Jacob	D.C.
Alderson, Sarah Lee	Va.	Alpher, Louise Ellen	D.C.
Alderson, Wilbur Stanley	Ind.	Alpher, Ralph Asher	Md.
Aldizer, Carlton Evans	D.C.	B.S. 1944, M.S. 1945, The George Washington University	R.I.
Aldrich, Sue	N.Y.	Alport, Alice	D.C.
Aldridge, Eugene T.	El Salvador	Alsbough, Jack B.	N.Y.
Aldridge, Frederick Stokes	Va.	B.S. 1947, Northwest Missouri State Teachers College	N.Y.
A.B. 1939, Colgate University	Md.	Alschuler, Robert Herbert	N.Y.
Alegria, Claribel	Md.	Altman, Seymour Lewis	
Alexander, Arthur Walton	D.C.	A.B. 1944, The George Washington University	D.C.
Alexander, Gerald Payton	N.C.	Althouse, Charles F.	Minn.
Alexander, John William, Jr.	D.C.	Altiet, Earl Augustine	N.Y.
Alexander, Mary Mitchell	D.C.	Altieri, John Lambert	D.C.
B.S. 1939, Oklahoma Agricultural and Mechanical College	Md.	Altman, Coleman	D.C.
M.S. 1945, University of Michigan	Md.	Altman, Laura	D.C.
Alexander, Robert Percival	D.C.	Altman, Pauline Dorothy	D.C.
Alexander, Vernon Duckworth	N.C.	A.B. 1911, Hunter College	D.C.
Alexis, Everett Crispin	D.C.	Altman, Andrew Taylor	Va.
Aler, Shirley Ann	D.C.	B.S. 1941, University of Maryland	D.C.
Alhambra, Daniel	Md.	Altshuler, Oscar	Va.
Allard, James Gilbert	Md.	Alvey, Ernest Brandon	D.C.
Allebach, Arlene	D.C.	Alvey, Oscar Roald	Va.
Allegr, Theodore Henry	La.	Alvey, Paul Robert	Tex.
Alleman, Robert Charles	Calif.	Alvord, Charles Hulbert	D.C.
A.B. 1920, West Virginia University	D.C.	Alvord, Marion	Iowa
Allen, Betty Frances	D.C.	Ambelang, John Frederick	Va.
Allen, Charles Risdon, Jr.	Ind.	Ambert, Robert Warren	Md.
B.S. 1944, Pennsylvania State College	Calif.	Amble, George Chester	
Allen, Donald Emerson		B.S. 1940, The George Washington University	
A.B. 1939, A.M. 1940, Ohio State University			
Allen, Doris V.			
Allen, Fotel LaRue			
Allen, Glenn Yates			

Ambrose, Audrey	D.C.	Andrus, Virginia Dowdon	Va.
Ames, Dorothy Edith	Calif.	A.B. 1944, The George Washington University	D.C.
A.B. 1929, University of California	Va.	Andujar, Dolores	
Ames, Farley Antonette	D.C.	A.B. 1930, Goucher College	
Amidon, Robert Horace	Pa.	A.M. 1934, University of Puerto Rico	Md.
Ammon, Milton Henry	N.J.	Angel, Grover LaMarr	
Amundsen, Walmay Janet	D.C.	A.B. 1929, High Point College	
Anders, Andrew Covert	Md.	A.M. 1946, The George Washington University	D.C.
Anders, Frank Ward	D.C.	Angelico, Bernice Randall	
Andersen, Nancy Jo	Md.	A.B. 1921, A.M. 1932, The George Washington University	Mass.
Anderson, Alton DeWitt, Jr.		Angelini, Eldon Joseph	Md.
B.S. 1943, The George Washington University	Va.	Angus, Cora Mae	
Anderson, Bowman Cowne	D.C.	Annis, Helen Woodburn	D.C.
Anderson, Carl Robert	Mass.	B.S. in Ed. 1930, Muskingum College	N.Y.
Anderson, Carl William		Anraki, Fumi	
A.B. 1937, University of Vermont	D.C.	Ansher, Harold	D.C.
Anderson, David Emory	Ala.	A.B. 1939, Brooklyn College	D.C.
Anderson, Donald H.		Anstine, James Cole	Tex.
B.S. 1941, Birmingham Southern College	W.Va.	Antel, Barbara Jean	Va.
Anderson, Earl Edward		Anthony, John Robert	N.Y.
B.S. 1940, West Virginia University	N.Y.	Anthony, Joseph	D.C.
Anderson, Edward Harold	Va.	Antinora, Bart A.	D.C.
Anderson, Emma Vernice	Alaska	Antonioni, Spyros Zacharia	D.C.
Anderson, Eskil		Antwarg, Alexander	Va.
B.S. 1941, University of Alaska	Va.	Apett, Armin Otto	
Anderson, Francis S., Jr.	S.C.	B.S. 1944, St. Mary's University of San Antonio	Va.
Anderson, George Durant	Va.	Apgar, Harry Emanuel, Jr.	D.C.
Anderson, George Franklin	D.C.	A.B. 1938, Lafayette College	D.C.
Anderson, Geraldine Elizabeth	D.C.	Apgar, Herbert Leroy	N.Y.
Anderson, Helen Margaret	N.Y.	Appel, Charles Andrew III	D.C.
Anderson, John George	D.C.	Appelbaum, Irving Bernard	D.C.
Anderson, John Kirk	N.Y.	Appelbaum, Shirley Sonia	N.Y.
Anderson, Kenneth Arthur	Va.	Appelbaum, Zona Lee	D.C.
Anderson, Martin		Appelbaum, Helene J.	
Anderson, Myra Evalyn	D.C.	Appelby, James Scott	D.C.
B.S. 1937, Mississippi State College for Women		A.B. 1944, University of Arizona	Pa.
Anderson, Nellie Carr	Okla.	Appleby, Robert Harrison	
A.B. 1943, The George Washington University	D.C.	Appleman, Charles Burr	D.C.
Anderson, Otis Roy	D.C.	B.S. 1946, Pennsylvania State College	Va.
Anderson, Richard Banks	D.C.	Applestein, David	Pa.
Anderson, Robert Earl	D.C.	Appleton, Frederick Linwood	
Anderson, Shirley Lee	W.Va.	Aptaker, Cecelia	
Anderson, Thomas William	Va.	A.B. 1946, The George Washington University	Pa.
Anderson, William Abbott	Iowa	Arch, Edward Kenneth	D.C.
Anderson, William Walter	Ill.	Archer, Benjamin Lester	Miss.
Anderton, Bonnie Blake	D.C.	Archer, Crit Alexander	Iowa
Anderton, James William	D.C.	Arco, Kathrynne	D.C.
Andrade, Bernard Aloysius	Calif.	Arguello, Newton	
Anderson, Mary A.	Minn.	Arkin, Lorraine Shirley	D.C.
A.B. 1942, University of Michigan		B.S. 1946, The George Washington University	D.C.
Andrew, Martin Joseph	Colo.	Arkin, Rudolph	D.C.
Andrews, Adeline Lovell	N.Y.	Arkoian, Garabad	Ark.
Andrews, Alfred Hill	D.C.	Arlin, Francis Astor	Pa.
Andrews, Anna Vaughan	Mass.	Armbrust, Bernard Flynn, Jr.	Va.
Andrews, Burt William, Jr.	D.C.	Armbruster, Francis Edward	N.Y.
A.B. 1942, The Citadel	Md.	Armbruster, Ralph Edward	Va.
Andrews, Claude Buchanan	Pa.	Armour, Jacqueline Marion	Md.
Andrews, Frank Joseph	Md.	Armstrong, Barbara Jean	
Andrews, Harry Ivan, Jr.	N.C.	Armstrong, Charles Francis	
Andrews, Leon Forrest, Jr.	Mass.	A.B. 1938, The George Washington University	Va.
Andrews, Robert Bruce	Va.	Armstrong, Clark S.	
Andrews, Robert G.	R.I.	B.S. in Chem. Eng. 1943, Purdue University	D.C.
Andrews, Thelma Louise	D.C.	Armstrong, Edwin Lee	D.C.
Andrews, Virginia Elizabeth	Pa.	Armstrong, Eileen Juanita	
Andrews, William Milton	D.C.		
Andrews, William Taylor			
B.F.E. 1944, The George Washington University			
Andrich, Dan I.	Minn.		

Armstrong, Jane Tuttle B.S. 1941, Northwestern University	Va	Atkinson, Roderick D.	D.C.
Armstrong, Joseph Donald	D.C.	Atkinson, George Baber	D.C.
Armstrong, Vernon George A.B. 1942, A.M. 1933, Michigan State College	Mich.	Auerbach, Lewis	D.C.
Armstrong, William Charles	Pa.	Auerbach, Walter Garvin, Jr.	Pa.
Arnason, Kristi B.S. 1946, University of Washington	Wash.	Auerbach, Thomas	Md.
Arnold, William LeRoy	D.C.	Auerbach, Frank Joseph B.S. 1945, The George Washington University	D.C.
Arnold, Zelma Soter	N.Y.	Auliac, Suzanne	D.C.
Arnett, Ronald Lewis	Va.	Ault, John Miller	Pa.
Arnn, Aubrey Allen	Md.	Auman, Katherine Fairfield	Va.
Arnold, Dana Marlatt	D.C.	Auriti, Anthony Augustine	D.C.
Arnold, John Bentley B.S. in I. E. 1942, Rensselaer Polytechnic Institute	Ill.	Austin, Carroll Wayne	N.C.
Arnold, Katherine A.B. 1924, Hendrix College	Va.	Austin, Roland M.	Md.
Arnold, Kenneth Wilmer	Va.	Auvill, Carl Edward A.B. 1948, Belica College	W.Va.
Arnold, Mary Ann	Va.	Av, Carl Warren	D.C.
Arnold, McAlpin H. A.B. 1945, The George Washington University	Ga.	Avancena, Manuel Claude	D.C.
Arnold, Orville Dale	Md.	Averett, Georgia Anne	Va.
Arnstein, Berthold	Calif.	Averill, Ruth Francis	D.C.
Arnold, Alma Adlene	Ohio	Aversa, Angelo Albert	N.Y.
Arsem, Collins	Md.	Avery, John Lawrence B.S. 1947, University of Maryland A.M. 1949, The George Washington University	D.C.
Arthur, Lester Maxwell, Jr.	D.C.	Avery, Lillian	S.D.
Artz, Lena Clemens A.B. 1927, College of William and Mary	Va.	A.B. 1945, Carleton College	D.C.
A.M. 1945, The George Washington University		Awalt, Gilbert Haslap	Mass.
Arvanitis, Emmy Nick	Ohio	Awramik, Joseph, Jr.	Ga.
Ash, Ruth Clyde A.B. 1944, Pennsylvania State College	Va.	Awtry, Delian	N.Y.
Asha, John Michael	D.C.	Axelrod, Arthur	Va.
Ashby, Betty Ray	D.C.	Axelrod, Benjamin M. B.E.F. 1933, M.S. 1934, University of Minnesota	Va.
Ashby, Harry Nicholas	Md.	Aye, Ralph Claxton M.S. 1941, Northwestern University	Calif.
Ashby, Wallace Lattie	D.C.	Ayer, Wilmon Huntington	Va.
Ashcraft, Dorothy Lee	W.Va.	Ayers, Muel Tromson	Va.
Ashdown, Katherine Jean	D.C.	Ayers, Richard Porter	D.C.
Aster, Cleona	Fla.	Ayers, Theodore Alvey A.B. 1941, University of Virginia	Pa.
Ashley, Dwight Stuart B.S. 1942, Massachusetts Institute of Technology	Va.	Ayers, William Glenn	Maine
Ashley, Gertrude Terwilliger A.B. 1945, Skidmore College	Va.	Ashward, Patricia Eileen	Mass.
Ashmore, Charles Deloach A.B. 1948, Harvard University	D.C.	Ashward, Robert Allen A.B. 1946, Dartmouth College	D.C.
Ashmore, Kenneth Douglas	D.C.	Ayre, Arnes	N.Y.
Ashmore, Randolph Alexander	Mass.	Ayres, Allen Grant	Afghanistan
Asm, Morris Martin	N.Y.	Aziz, Ardul Kadir	
Asker, Gustaf C. F. B.S. 1949, Royal Institute of Technology, Stockholm	D.C.	B	
Asken, William Robert	Md.	Baalsen, Arthur Elmer A.B. 1946, St. Olaf College	Wis.
Aspen, Gertrude	D.C.	Babb, Eugene Campbell	Va.
Aspen, Joseph Lave	Wash.	Babb, Donald Olson	Wis.
Atena, Katherine May	D.C.	Babb, Ellen Stewart	Va.
Ayers, Helen Virginia	D.C.	Babb, Evelyn Marie	Fla.
Athey, Mary Waters	D.C.	Babb, Margaret Skappen	Md.
Athey, T. Nancy Breed	Ky.	Baber, James Clyde	Ark.
Austin, Greta Ruth	D.C.	Babin, Robert Sidney	D.C.
Austin, Herbert L.	D.C.	Bach, Emily Frances	N.Y.
Atkinson, Charles Fred	Va.	Bach, Frederick Louis, Jr. B.S. 1943, University of Maryland	D.C.
Atkinson, Ethel Kathleen B.S. 1928, Carnegie Institute of Technology	Ohio	Bachelor, Cecil Clinton B.S. 1943, Northwestern University	Mich.
A.M. 1940, Western Reserve University	Ohio	Bachman, Frederick Charles	Pa.
		Bachman, Helen	D.C.
		Bachman, Michael	Ohio
		Bacon, Richard Elmer	D.C.
		Bacon, James Everett, Jr.	Md.
		Bacon, Lawrence Graham	D.C.
		Bacon, William Louis	Va.
		Baker, M. Earl Haley	Calif.

Bader, Saul	N.Y.	Baldauf, Laurence Charles	Pa.
A.B. 1938, Brooklyn College		B.S. 1929, United States Naval Academy	D.C.
Badger, Henry Glenn	Ind.	Baldi, Fiorenza Henrietta	Md.
A.B. 1917, DePauw University		Baldrige, Reid	D.C.
A.M. 1925, Indiana University		Baldwin, Franklin Hunter	Va.
Badt, Lois M.	D.C.	Baldwin, Lawrence Philip	D.C.
Baer, Daniel Robert	D.C.	Baldwin, Margaret Lois	D.C.
Baer, Max F.	D.C.	Baldwin, William Augustus	D.C.
LL.B. 1937, Creighton University		Balee, Billy Benton	D.C.
A.M. 1942, Columbia University		Baltour, Dossie Hannah	D.C.
Bagby, Garlick Hugh	Ark.	Balfour, Vivien Cohen	Va.
Bagby, Mary Lawton	Md.	Balinger, Richard King	D.C.
A.B. 1945, The George Washington University		Ball, Barbara Marie	D.C.
Bagdon, Vincent Joseph	Mich.	Ball, Charles E.	D.C.
Baggett, Herbert Lee	Va.	Ball, Kenneth, Jr.	Pa.
Baggs, Isabel Jane	W.Va.	Ball, William Alvin	D.C.
Bagley, David	D.C.	Balla, Michael Philip	Wash.
Bailey, Arthur William	Conn.	Ballad, Richard August	
Bailey, Bertha James	Va.	Ballard, Dorothy Anne	
Bailey, Edith Gibson	N.Y.	A.B. 1944, Whitman College	
Bailey, Lydia Alberta	Miss.	Ballard, Edwin Robert	Ta.
Bailey, Margaret Lucille	D.C.	A.B. 1943, Whitman College	D.C.
Bailey, Read Turner	Md.	Ballesteros, Enrique Raul, Jr.	
A.B. 1942, University of Maryland		Ballinger, Edwin Ray	Ta.
Bailey, Richard Lake	Md.	A.B. 1943, Maryville College	Va.
Bailey, Stephen Kemp	Mass.	Ballow, M. Frances	D.C.
A.B. 1937, Hiram College		Ballows, Glen Handy	Pa.
A.M. 1943, Harvard University		Balmer, Harry Arnold	D.C.
Bailey, Walter, Jr.	D.C.	Baloga, Aloys Joseph	Ind.
Bailey, William Alfred	Tex.	Balster, Patricia Ann	Va.
Baiman, Jerome	N.Y.	Balzer, Clayton Paul	D.C.
Bain, Robert Francis	N.Y.	Balzer, Dorothy Theresa	Pa.
Baines, Dorothy	D.C.	Bamber, Elizabeth Marshall	D.C.
Baird, Glenn D.	D.C.	Bamford, David Ellery	
B.S. 1944, University of Oregon		Band, Philip Theodore	
Baird, John Herman, Jr.	Va.	A.B. 1945, The George Washington University	D.C.
Baird, Robert Evanston	D.C.	Band, Raymond Isaac	
Baird, Robert Wood, Jr.	W.Va.	A.B. 1945, The George Washington University	D.C.
Baitz, Edward Henry	D.C.	Bandler, Arnold D.	Pa.
Baker, Annette Cinn	D.C.	Bane, Jack Miles	Ill.
B.S. 1940, New York State Teachers College		Banks, Andrew	
Baker, Charles Jewell	D.C.	Banks, Henry Stephen	D.C.
Baker, Daniel Duane	Md.	B.S. 1944, Loyola University	
Baker, Donald Carroll	D.C.	Banks, Minnie	D.C.
Baker, Donald Lawrence	Calif.	B.S. 1936, Madison College	N.Y.
Baker, Dorothea Anna	D.C.	Banks, Troy Lee	
Baker, Elma Louise	Ohio	Banner, Melvin	D.C.
Baker, Gloria Jeanette	D.C.	Banner, Paul Herbert	D.C.
Baker, Glynn Winfield	Va.	A.B. 1941, University of Michigan	
Baker, Guy Francis	Md.	Banos, Luis Felipe	
Baker, Harold Fred	N.Y.	Barauch, Alfred Howard	
Baker, Harold Leon	Tenn.	A.B. 1941, New Jersey State Teachers College (Montclair)	D.C.
Baker, Harrison Hayward	Conn.	Barauch, Carole Eunice	D.C.
Baker, Harry LeRoy	Va.	Barber, Alexander William	N.Y.
Baker, Jean Frances	Va.	Barber, Alvin Barton	Pa.
Baker, John Edgar	D.C.	Barber, Eleanor Martha	
Baker, Margaret Louise	D.C.	Barber, Frank John	Calif.
Baker, Marilyn Jeanne	Ill.	A.B. 1943, Pennsylvania State College	
Baker, Marjorie Helen	Md.	Barber, Frederick Willard	Calif.
Baker, Robert Warren	D.C.	A.B. 1941, The George Washington University	
Baker, Thomas Lockerbie	D.C.	Barber, John Raymond, Jr.	D.C.
Baker, Warren Stanton	Md.	A.B. 1941, Whitman College	Pa.
Baker, William Albert, Jr.	Va.	Barbera, Anthony Ferdinand	
Baker, William Harold	Ill.	Barbera, Frank John	Mass.
Baker, Zoe Elizabeth	D.C.	A.B. 1943, Pennsylvania State College	D.C.
Bakker, Cornelius Johannes	N.J.	Barbrick, William James	Md.
Balaker, Basil Charles	Pa.	Barco, Maurice Columbus, Jr.	
Balcom, Margaret MacDonnell	Md.	Barcus, James Walsh	
Balcom, Raymond Douglas	Mass.		

Bard, James B.	Va.	Barrett, Thomas Joseph, Jr.	Pa.
Bardach, Henry G.	N.Y.	Barrick, Ralph Osmond	W.Va.
Bards, Richard Stanley	D.C.	Barrington, Phyllis Elizabeth	D.C.
Bares, Mauricio Juan	Panama	Barron, Guy Clinton, Jr.	Md.
Baresford, William Anthony	N.Y.	Barrow, Sarah Jane	Md.
Barezisky, Frances	D.C.	Barry, Francis Xavier	D.C.
Barker, Benjamin	D.C.	Barry, James Ilesome	N.Y.
Barker, Bessie Berry	D.C.	Barry, John Patrick	Md.
Barker, Herman H.	Mass.	Barry, Thomas A.	Va.
Barkhausen, Alfred F., Jr.	Va.	Barsigian, Flora Marie	D.C.
Barka, Timothy George	D.C.	Barss, Albrecht Paul	D.C.
Barker, Barbara Gladys	N.M.	Barsky, Cyril	D.C.
Barker, Bonnie Jeanne	Va.	Barson, David	Mass.
Barker, Ernest Lester	D.C.	Barss, Theodore Parker	Md.
Barker, Nathaniel Charles	N.Y.	Barstad, A. Karine	D.C.
B.S. 1926, United States Naval Academy	Tenn.	A.B. 1926, University of Idaho	Mass.
Barker, Roy Winfred	D.C.	Barstow, Dorothy Ella	D.C.
Barker, William Cyrus	D.C.	Barth, Carl Edward	Mass.
B.S. 1942, University of California	D.C.	Barteloni, Henry John	Ind.
Barkey, Richard Earle	Md.	Barth, Sam Louis	D.C.
Barkley, Mason Gibson	Va.	Bartik, Richard	W.Va.
Barkman, William Ernest	D.C.	Bartlett, Dorsey Joseph	D.C.
LL.B. 1923, A.B. 1936, A.M. 1937, The George Washington University	D.C.	Bartlett, Eunice Lucille	Ohio
Barlow, Harriet Thompson	R.I.	Bartlett, John Stanton, Jr.	D.C.
Barlow, Herbert Boutell, Jr.	D.C.	Bartlett, Marcia Lenore	Va.
B.S. 1945, Brown University	R.I.	Bartlett, William Hugh	D.C.
Barlow, Shirley	D.C.	Barton, James Robert	D.C.
Baraby, Martha Holmes	D.C.	Barton, Martha Browning	N.H.
Barnes, Albert Ernest	D.C.	Barton, Robert Wharton	Va.
Barnes, Berry Carter, Jr.	D.C.	Barton, Victor Ewing	Md.
Barnes, Chaldner Monroe	S.C.	Barton, Virginia Sewell	Md.
Barnes, Duard Roof	Mo.	Barton, William Jacob, Jr.	D.C.
Barnes, Evelyn Thompson	Ariz.	Bartram, Oswald	D.C.
Barnes, Frances L.	D.C.	Barwick, James Henry, Jr.	Md.
Barnes, Howard Emerson	Mich.	Barwick, Joel Richard	D.C.
Barnes, Joanne Louise	Md.	Barzilai, Cyrelle	D.C.
Barnes, Kenneth Clark	Va.	A.B. 1946, New York University	Pa.
Barnes, Kyle Dalton	N.C.	Basarab, Stephen	D.C.
Barnes, Lloyd A., Jr.	Ala.	Basile, Anthony Stephen	Va.
Barnes, Snell Hardin	D.C.	Baskin, Robert E.	D.C.
Barnet, Frederick Robert	Ill.	Baskin, Robert Francis	Fla.
B.Chem. Eng. 1942, University of Washington	Md.	A.B. 1940, Western Reserve University	Fla.
Barnett, Abby Joy	N.Y.	Baskin, Ruth Esther	Va.
Barnett, Charles Maxwell	D.C.	A.B. 1943, University of Pennsylvania	Tenn.
Barnett, James Monroe, Jr.	La.	Baskin, William Maxwell	Md.
A.B. 1946, Louisiana State University	Tenn.	Bass, Charles White	N.Y.
Barnett, Margaret Elizabeth	D.C.	Bass, Leo	Ill.
A.B. 1942, Union University	Tenn.	Bassett, Dean Winslow	Md.
Barnett, Robert Alexander	D.C.	Bassett, Martha Jean	Wis.
Barnes, Olga	Pa.	Bassford, James Cockrelle	Md.
Barnhart, Arthur G.	D.C.	A.B. 1941, The George Washington University	Wis.
Barnhart, C. Paul	D.C.	Bassuener, Oliver Herbert	La.
A.B. 1930, Lebanon Valley College	D.C.	LL.B. 1936, Marquette University	Md.
Barnale, Richard Souder	Va.	Batavia, Gabriel J.	Mass.
Barnhouse, Darwin Collier	Va.	B.S. 1940, LL.B. 1942, New York University	Va.
Baroff, George Stanley	N.Y.	Batchelder, Dana Abbott	D.C.
Barr, Harold Lee, Jr.	Va.	Batchelor, LeRoy Ellsworth	Va.
Barr, John Lester, Jr.	Md.	Batease, John Charles	D.C.
A.B. 1930, Harvard University	N-br	Batease, Margaret Karen	D.C.
Barr, Leonard DeLoose	D.C.	Bateman, Joseph Robert III	D.C.
Barr, Maryan Wilson	D.C.	Bateman, William Raphael	D.C.
Barr, Norman Lee	N.J.	Bates, Frederick LeRoy	N.Y.
Barrao, Joseph Alfonso	D.C.	Bates, Herbert Edward	Ariz.
Barrett, Beverly	D.C.	Bates, LaSelle Morgan	Conn.
Barrett, Charles James	D.C.	Bates, Sheldon	D.C.
Barrett, John James	Va.	Bates Ward Pendleton	D.C.
Barrett, Margaret Judith	D.C.	A.B. 1939, Trinity College	D.C.
Barrett, Mary Frances	D.C.	Batham, John Charlton	D.C.
	D.C.	Bathory, Joseph Patrick	N.Y.
	D.C.	Batkin, Josephine	Va.
	D.C.	Batley, Beverly Anne	

Batson, Donald Purdy	D.C.	Bean, Henrietta Mae	
Baty, Francis Doubar	D.C.	Beans, Fred Dale	
B.S. 1926, University of Kansas		B.S. 1910, United States Naval Academy	
Bauer, Catherine Regina	D.C.	Bear, Richard Warfield	
Bauer, Frances Bever	Md.	Beard, Robert Hardy	
Bauer, Mary Graybill	Md.	Bearden, Luther Galloway	
Baerlein, Anna Catherine	D.C.	Beardmore, Walter Harvey	
Baerlein, George William, Jr.	Md.	Beardslev, George Francis	
Baeters, Frank William	Tex.	B.S. 1929, United States Naval Academy	
Baerensfeld, Betty Jane	Md.	M.S. 1939, California Institute of Technology	
Baerhman, Josephine Jean	Md.	Beardsley, James Henry	
Baeknight, William Cooper, Jr.	Va.	Bearss, Dale Ward	
B.S. 1942, University of Virginia		Beasley, Derwood Marion	
Baum, Stanley Harold	D.C.	Beasley, Mary Jane	
Bauman, Carl Robert	S.D.	Beaton, Robert Leon	
Bauman, John Lee, Jr.	Nebr.	Beaton, Stuart Campbell	
Baumann, Edward Norman Ralph	N.Y.	Beattie, Edith Mary	
Baumann, Charles Spann	Va.	Beatty, Alta Mae	
Baumann, Dorothy Clare	D.C.	Beatty, Esther Bell	
Baumann, Jane Marie	D.C.	Beatty, George Calvin	
Baumann, Robert Coile	Va.	Beatty, Harry Bartton	
Baumgardner, Russell Howard	D.C.	Beatty, Jay Ralph	
Baumgarten, Hans Julius	Ga.	Beatty, Vernon LeRoy	
Baumgarten, Seymour Harvey	N.Y.	Beatus, Lawrence, Jr.	
Baumgartner, Evelyn Lucille	Md.	Beauchamp, John Philip, Jr.	
Baumgartner, Irene	D.C.	A.B. 1946, Brown University	
Baumgartner, Paul Cordell	D.C.	Beaver, Clarence Lester	
Baus, Donald Eugene	Md.	Beaver, John Andrew	
Bayserman, Charles Lemuel	Va.	Bebb, Bayard Rockwood	
B.S. 1940, Virginia Polytechnic Institute		Bechard, Marielle A.	
Baverlein, Anna Catherine	D.C.	Bechtoldt, Cletus Joseph	
Bavis, William Stephen	D.C.	Beck, Arthur Francis	
A.B. 1944, Loyola University	Kans.	Beck, Emanuel Arthur	
Baxa, Edmund Theodore	Va.	Beck, Frances Fern	
Baxter, Andrew Holman, Jr.	Mass.	Beck, Hugo Michael	
Baxter, Barbara Jane		Beck, Ivan Michael	
A.B. 1945, Regis College	Canada	LL.B. 1941, Brooklyn Law School	
Baxter, Edith May	Ill.	Beck, John Edward	
Bax, Paul Georgeoff	N.Y.	Beck, John William	
Bayet, George		Beck, Mary Elizabeth	
B.S. 1910, Brooklyn College	Tex.	Beck, Preston Ellsworth	
Bayer, Walter George	D.C.	Beck, Vera Audrey	
Baylies, Helen Cummings		Beck, Walter Charles	
A.B. 1945, The George Washington University		Becker, Arlene Berlin	
Baylor, Robert Arthur	D.C.	Becker, Florence Pearl	
Baylor, Walter Robert	Md.	Becker, Frederick William	
Baynard, Ernest Cornish	D.C.	A.B. 1936, Brooklyn College	
Bazoon, Harry	Va.	LL.B. 1939, Fordham University	
Bazoon, Vestal	W.Va.	Becker, Harold Robert	
Beable, Paul Dwight	Va.	Beckerleg, William Henry	
A.B. 1941, Bridgewater College		Buckett, Beverly Anne	
Beach, David Jerome	Md.	Beckman, John Albert	
Beach, Edward Luther	Va.	B.S. 1941, University of Cincinnati	
B.S. 1939, United States Naval Academy		Beckman, Robert Lewis	
Beach, Elmore	D.C.	Bederman, William Oscar	
B.S. 1945, University of Missouri		Bedford, Park Leslie	
Beach, George R.	Va.	B.S. in E.E. 1937, Iowa State College	
Beacham, Ivy Katherine	Va.	of Agriculture and Mechanic Arts	
Beagle, Paul Milburn	Md.	Bedke, Herman Earl	
Beal, William Ashby	D.C.	B.S. 1941, University of Utah	
Beall, Charlotte	D.C.	Bee, Joseph Francis	
Beall, Elizabeth Ann	D.C.	Bee, Max Culbertson	
Beall, John Ninian, Jr.	D.C.	Bebe, William Bovell	
Beall, Mary Louise	Va.	Beecher, John J. M.	
Beall, Ward Hugo	Va.	A.B. 1910, University of Pennsylvania	
B.S. 1930, The George Washington University		Beecher, Mary Tyler	
Beames, Phyllis Joanna	D.C.	Becke, Donald Frederick	
Bean, David Wile	Va.	Beer, Robert Augur	
Bean, George Frederick	Tex.	Beers, John Sturges	
		Beese, Edward Thomas	

Benamer, Benjamin Franklin	D.C.	Bendow, Gene Thomas	D.C.
Bening, John Lawrence, Jr.	Md.	B.S. 1948, University of Maryland	
Benin, Harold Norman	Mo.	Benoist, Ralph Joseph	Wyo.
Beniam, Amir Ahmad	D.C.	Bender, Geraldine Smith	D.C.
Benrens, Elsa Beatrice	Md.	Bender, Robert Floyd	Ma.
Behrens, Raymond William	D.C.	Bender, William Carl, Jr.	D.C.
Behun, Joseph Andrew	Ohio	Benedetto, Loretta Theresa	D.C.
Behymer, Barbara Lee	D.C.	Benedict, Leta Mae Irvine	D.C.
Behrmann, Laverne Theodore	Ill.	Benedict, Thomas Reay	D.C.
A.B. 1946, Denison University		Benedicto, Roberto Salas	P.R.
Belet, Robert Joseph	D.C.	L.B. 1925, University of the	
Belet, Paul Aden, Jr.	Va.	Philippines	
B.E.L. 1941, Ohio State University		Benchman, Charles Henry	D.C.
Bea, Martha C.	D.C.	A.B. 1944, The George Washington	
A.B. 1934, Drury College		University	
Beaman, Robert Allen	N.Y.	Benn, Jack	W.Va.
Bedstein, Christian William	D.C.	Bennington, Harold	Va.
Beisel, Edward Lincoln	D.C.	Benniston, Orchard	Va.
Beisel, Ivan Ralph	D.C.	Benniston, Alan Lewin	D.C.
Beke, Steven	D.C.	Bennison, Betty Ruth	D.C.
Belant, Bernard Brian	N.J.	Bennison, Harold Herbert	Md.
Belcher, Philip George	Mich.	Bennison, Vernon Edgar	N.Y.
Belien, Thomas Graham	D.C.	Benkovic, Simon Edward	Maine
Beausky, Agnes Virginia	Mich.	Benn, Hazel Elizabeth	Ohio
Beland, Nicole Francois	D.C.	Benner, Nancy Ellen	Va.
Bel, Bertrand Monroe	D.C.	Bennett, Joseph Campbell	Kans.
Bell, Daniel Haristy	D.C.	Bennett, Anne L.	Va.
Bell, Edward Leroy	Va.	Bennett, Anne Rutherford	
B.S. 1946, Illinois Institute of Tech-	Ohio	A.B. 1949, Goucher College	
nology		Bennett, Betty Ann	D.C.
Bell, Lucian G.	D.C.	Bennett, Elizabeth S.	N.Y.
Bell, Forrest Horatio	D.C.	Bennett, Harry Bates	D.C.
Bell, Frank Meade	Md.	Bennett, Henry Allen	Md.
Bell, Garth Essex	D.C.	Bennett, J. Edward	Mus.
Bell, Gerald Irwin	D.C.	Bennett, James Gilbert	D.C.
Bell, Ivan Francis	Va.	Bennett, James Popper	Fla.
Bell, Jay Richard	D.C.	Bennett, Kenneth Chester	Va.
Bell, Jean Alice	D.C.	Bennett, Kenneth Homer	D.C.
Bell, John Clark	D.C.	Bennett, Martin S.	Va.
Bell, John Williamson	Md.	Bennett, Nelson III	D.C.
Bell, Joseph Thomas	Va.	Bennett, Pauline H.	Ark.
Bell, Katherine	D.C.	Bennett, Robert Morrison	D.C.
Bell, Lance Roy	D.C.	Bennett, Ross R. K.	Md.
Bell, Pauline Thomas	Calif.	Bennett, Ross Stanley	D.C.
B.S. 1946, Wilson Teachers College	D.C.	Bennett, Verelle Leonard	D.C.
Bell, Raymond Leslie		Bennett, William Tapley, Jr.	Ga.
Bell, Robert Charles William	Va.	A.B. 1947, University of Georgia	
Bell, William Joseph Davis	Mass.	Benson, Harden Clark	Utah
A.B. 1929, University of Wisconsin	Va.	Benson, George Allen	D.C.
Bellamoh, Fredrick Joseph	D.C.	Benson, James Renee	Wis.
Bellegarde, Arthur Victor	N.Y.	B.S. 1939, University of Wisconsin	
Belong, Marlin Griffith	Neb.	Benson, Mary Louise	Va.
Belonger, Patrick N. L.	D.C.	Benson, Mildred	D.C.
Bellis, Tom	Mo.	Benson, Paul	N.D.
A.B. 1920, Southeast Missouri State		B.S.C. 1942, University of North	
Teachers College		Dakota	
M.S. 1931, University of Cincinnati		Benson, Roy Stanley	N.H.
Bellman, Gerald Howard	Md.	B.S. 1929, United States Naval	
Bellows, Grace Evelyn	Va.	Academy	
Bellows, Margaret Colbeck	D.C.	Benson, Wilbur Earle	D.C.
Bell, Robert Arthur	D.C.	Benson, Ruth	Iowa
Bell, Charles Vernon	D.C.	Benson, Warren Washington	Neb.
Bell, David Kenneth	D.C.	B.S. 1946, University of Michigan	
Bell, Robert Reid	Md.	Betz, R. Earl Paul	Ill.
A.B. 1944, Willamette University		Betz, Irene Frances	W.Va.
Beltz, Jean Margaret	D.C.	Betz, John S. Martin	D.C.
B.S. 1944, Wilson Teachers College		Betz, George Walter	P.
Beltz, Joseph Francis	W.Va.	Betz, Joseph Jacob	N.I.
Beltz, David Charles	Mass.	Betz, A. Jacob	D.C.
B.S. 1946, University of New Hamp-		Betz, Florence R. Bert	Va.
shire		Betz, Frederick Eugene	Mass.
Berardis, George Demetrius	Greece	Betz, Irving Kenneth	N.I.
		Betz, Joseph	D.C.

Berg, Julius Donald	N.Y.	Bernstein, Louis Hyman	D.C.
Berg, Karl Joseph	D.C.	B.S. 1919, University of Chicago	Va.
Berg, Louella Miller	Md.	Bernstein, Michael Jesse	Mass.
Berg, Martin Donald	Md.	LL.B. 1930, LL.M. 1946, New York	D.C.
Berg, Stanley Samuel	N.Y.	University	D.C.
B.S. 1939, College of the City of		Bernstein, Stanley Paul	D.C.
New York		Bernstein, William Herbert	Tex.
Bergen, Willis	Md.	Berrett, Malcolm Ernest	D.C.
Berger, Alfred Edward	Va.	Berrey, Hiliard Kay, Jr.	D.C.
B.B.A. 1940, College of the City of		Berrio, Esther Maria	Calif.
New York		Berry, Alice Justine	Wash.
Berger, Bernard Nelson	D.C.	A.B. 1943, Smith College	Va.
Berner, Martin	Pa.	Berry, Benjamin Franklin	D.C.
Berger, Robert Frederic	Md.	A.B. 1941, University of Washington	Va.
Berger, Robert John	Ill.	Berry, Beverle Jean	D.C.
Berger, Samuel Morris	D.C.	Berry, Hugh Gordon	Va.
Berger, Suzanne Harding	N.Y.	Berry, James Frederick	
Berger, Willis	Ore.	A.B. 1943, Washington and Lee Uni-	
Bergman, Melvin John	D.C.	versity	Mass.
Bergman, William Hunter	D.C.	Berry, Leonora Gertrude	D.C.
Bergnen, Orville Vernon	Va.	Berry, Max	Oho.
B.S.C. 1940, University of North		Berry, Robert Hahn	N.Y.
Dakota		Berry, Seymour	Va.
Berkeley, Phyllis Johanne	Va.	Berryman, Dorothy Maybelle	Va.
Berkeley, Theodore Eugene	Va.	Berryman, Richard Blaxton, Jr.	D.C.
Berkes, William Louis	Ind.	Bers, Elinor Kline	D.C.
Berkley, Joseph B.	D.C.	Bers, Melvin K.	
Berkow, Morton Donald	D.C.	A.B. 1943, The George Washington	N.J.
B.S. 1946, Franklin and Marshall		University	Ner.
College		Bersay, Joseph Bernard	D.C.
Berkowitz, Emanuel	N.Y.	Berson, Harold Ralph	Ill.
Berkowitz, Leon	D.C.	Bertelins, Hildegard	D.C.
B.F.A. in Ed. 1934, University of		Bertelsman, Patrick Edgar	Ore.
Pennsylvania		Berthold, Herbert Kurt	D.C.
Berkowitz, Leonard L.	N.Y.	Bertman, Bernice Betty	D.C.
Berkowitz, Leonard M.	N.Y.	Bertolini, Ernest Paul	D.C.
A.B. 1940, Brooklyn College		Bertram, Harry Russell	
Berlanstein, Jean Bernice	D.C.	Besdine, Lillian	Ark.
Berlow, Nathan	N.Y.	A.B. 1929, Hunter College	
B.S. 1915, Brooklyn College		Best, Crossett Mitchell	D.C.
Berman, Alex	D.C.	B.S. 1917, University of Alabama	D.C.
Phar.G. 1917, St. John's University		Best, Harold Lloyd	N.J.
Berman, Henry Richard	Mass.	Best, Joseph Theodric	D.C.
A.B. 1944, Harvard University		Best, Monroe Henry	Ola.
Berman, Hyman	N.Y.	Beswick, Roger Paul	D.C.
Berman, Irene Phyllis	D.C.	Bethel, Marion Ana	
Berman, Isadore	Pa.	Betta, Edith	Kans.
A.B. 1932, A.M. 1934, University		B.S. 1943, University of Wisconsin	Va.
of Pennsylvania		Betzer, John Price	Va.
Berman, Marvin Sandford	D.C.	Beury, Herbert Louis	D.C.
Berman, Milton	D.C.	Bevans, Beverly Lee	Fla.
Bermudez, Washington Pedro	D.C.	Bevins, Ralph Shackelford	Va.
Bernat, Frank	D.C.	Bevis, Charles Vann	D.C.
Berndtson, Arthur Henry	Va.	Bevis, James Wayne	D.C.
B.S. 1940, United States Naval		Bevis, Mary Parnell	Va.
Academy		Bevlinsky, Stanley Louis	Colo.
Berne, William	D.C.	Beyda, Joseph	D.C.
Berner, John Thomas	Pa.	Beyer, Jacquelyn L.	Va.
Bernst, Louis Conrad	N.Y.	Bialek, Robert	Va.
Bernstein, Bernard	N.Y.	Bianco, Francesco Marco	
B.S. 1942, The George Washington		Bianco, Jean Wallace	D.C.
University		B.S. 1911, Columbia University	Pa.
Bernstein, Charles Nathaniel	N.Y.	Rias, Lillian Lucille	Va.
B.S. 1910, College of the City of		Riasini, Adolph Paul	Md.
New York		Ribb, Lawrence Clayton	N.Y.
Bernstein, Henry Emil	D.C.	Ribus, Paul Leonard	
B.S. 1926, United States Naval		Bidwell, Robert Gordon	Fla.
Academy		B.S. 1918, United States Naval	Fla.
M.S. 1915, Harvard University		Academy	Fla.
Bernstein, Irving Elliott	Conn.	Bie, Ellen Allan	Fla.
A.B. 1916, LL.B. 1930, Yale Uni-		Bie, Marie Georgine	
versity		Bie, Norman	
Bernstein, Jerome Leonard	D.C.	Bie, Rita Marie	

Biegel, Mark M. A.B. 1944, The George Washington University	D.C.	Bishins, Eileen Rita	D.C.
Bienela, Walter John	Md.	Bishop, Alan Grayson	D.C.
Bierly, Jack Stealton A.B. 1941, Ed.M. 1942, University of Maryland	Md.	Bishop, Bonnie Nina	Va.
Bier, Chester Donald B.S. 1943, Mount Union College	Ohio	Bishop, Bruce Clay B.B.A. 1940, University of Chat- tanooga	Tenn.
Biesemeier, Harold Woodall B.S. 1940, United States Naval Academy	D.C.	Bishop, Iris Mildred	Mo.
Bigbee, Jane Elizabeth More A.B. 1931, Central College	D.C.	Bishop, Joyce Dorothy	Vt.
Bize, Lrrell Venus A.B. 1944, The George Washington University	D.C.	Bishop, Wilbur Charles	Mass.
Bize, Jean Frances	D.C.	Biskar, Aaron	D.C.
Bizell, Olin Yeates	Utah	Biskar, Marvin	D.C.
Bizman, Beverly Elaine	D.C.	Bissell, Helen Bunn	D.C.
Bizjak, Berhard Edward	D.C.	Bisset, Alfred, Jr.	Minn.
Biznesa, Helena Marie A.B. 1948, A.M. 1949, Wellesley College	D.C.	Bjork, Lund Otto Edward	Md.
Bjork, Chester Frank	Ill.	Black, Donald McLaughlin	Md.
Blier, Charles Mayo	Va.	Black, Helen Isabella	Mass.
Blier, Martin Irvin	N.Y.	Black, Hiram Day A.B. 1947, Yale University	D.C.
Bilheimer, Genevieve Lee	N.Y.	Black, William Richard	Ark.
Billick, Eugene Wyckoff	D.C.	Blackmon, E. B. A.B. 1936, John Brown University	D.C.
Billocks, Virginia Ruth	D.C.	Blackwell, Ruth Elizabeth	D.C.
Bischoff, Charles M.	Ill.	Black, Dorothy Emma	D.C.
Bischoff, Joseph Addison, Jr. A.B. 1940, Washington and Lee Uni- versity	Va.	Blafkin, Bea	Idaho
Bishop, William Milton, Jr.	Va.	Blaine, John Robert	D.C.
Blandaver, Andrew John, Jr.	Pa.	Blaine, Patricia Angelo	Ky.
Bloom, Robert Francis	Va.	Blair, Ethel Louise	Md.
Block, Albert Stanley	D.C.	Blair, Eunice Pearl	N.Y.
Block, James William	D.C.	Blair, Marion Ethelwyn A.B. 1941, College of William and Mary	Va.
Block, Benjamin	D.C.	Blau, Stanley Anne	Mass.
Block, Samuel Shalom A.B. 1945, Marquette College	Pa.	Blake, Carlton Earlon	Md.
Block, Mary Lane A.B. 1941, Florida State College for Women	W Va.	Blake, Eugene Vincent	Md.
Block, John Francis	Va.	Blake, George Francis	D.C.
Block, Carl Joseph B.S. 1940, The George Washington University	D.C.	Blake, Geraldine A.	Mass.
Block, George Bynoth, Jr.	Pa.	Blake, Isabel Rose	Calif.
Block, James Frederick	D.C.	Blake, John Francis B.S. 1941, University of San Francisco	Va.
Block, William Lawrence	D.C.	Blake, John William	Ariz.
Block, Sally May A.B. 1946, State University of Iowa	Iowa	Blake, Wilbur Evans	La.
Block, John Edmund A.B. 1945, The George Washington University	D.C.	Blake, William Louis	D.C.
Block, Leon Isadore	D.C.	Blakemore, George Jefferson	Minn.
Blakemeier, Alton Louis	D.C.	Blakemore, Leland Anthony B.S. 1940, University of Minnesota	Va.
Blakemore, Alfred Nelson	D.C.	Blakemore, William Humbert	Va.
Blakemore, Eugene Albert	Ohio	Blakesley, Rachel Monn	D.C.
Blakemore, George A.B. 1941, Brooklyn College	D.C.	Blanchard, Donald David	Va.
Blanchard, Adah Judge B.S. 1945, The George Washington University	Md.	Blanchett, Jean	Va.
Blanchard, Donald Mayo	Iowa	Blanchy, John Frederick	N.Y.
Blanchard, William Webster	Pa.	Black, Gerald Iswar	N.Y.
Blanchett, John Minton	D.C.	Blankheimer, Bernard A.B. 1941, Brooklyn College	Va.
Blanco, Betty Lee A.B. 1945, University of Richmond	D.C.	Blankensharn, Greta Helsa	Va.
Blazer, Edgar Maynard	N.Y.	Blanton, Joseph Warren	W Va.
		Blanton, May Kathryn B.S. 1945, Concord College	Va.
		Blanton, Virginia Booth	D.C.
		Blaschame, Paul Arthur	D.C.
		Blaschak, Veronica Macrina	Mich.
		Blaschell, Elsie Vages A.B. 1942, Central YMCA College	Mo.
		Blase, Robert	Md.
		Blaser, Eunice Mason A.B. 1920, Connecticut College	Mich.
		Blaser, Stewart C. A.M. 1942, Columbia University	N.Y.
		Blau, Edmund L. B.Chem. 1945, Cornell University M.S. 1946, University of Chicago	D.C.
		Blazer, Evelyn Jeanne	

Bleelman, Martin George	N.J.	Boddie, Charles Edwin	D.C.
Bledsoe, Daniel Perrin	Md.	Boscher, Robert E.	Ohio
B.S. 1914, University of Nevada		A.B. 1915, University of Toledo	D.C.
Blee, Betty Jane	Calif.	Bochert, Rosemary	
Blesher, Bernard Joseph	D.C.	A.B. 1910, The George Washington	Va.
Blessing, Sara Hoad	D.C.	University	
A.B. 1910, Western Maryland College		Bochy, Henry William	
Blevins, Hansel Herbert	D.C.	B.S. 1942, The George Washington	D.C.
Blevins, Mildred Louise	D.C.	University	Va.
A.B. 1944, The George Washington		Boesch, Ruth Elinor	
University		Boese, William Carl	D.C.
Bloch, James Dominic, Jr.	Md.	B.E.E. 1937, University of Minnesota	D.C.
Bliss, Frances O. Donovan, Jr.	Md.	Bogan, Patricia Alice	D.C.
Blumen, Elizabeth Peck	Va.	Bogdansky, Julia Anna	N.Y.
Blutman, Samuel	D.C.	Bogen, William	D.C.
A.B. 1931, College of the City of		Boggs, Gail Everett	W.Va.
New York		Boggs, Gilmer Glenn	D.C.
A.M. 1936, Columbia University		Boggs, Winifred Clair	D.C.
Blitz, Robert Gabriel	D.C.	Bogle, Robert Leslie	Ten.
Blitzstein, Ethel	N.Y.	Bohan, Elizabeth Rowe	
Bloch, Barton Fred H.	D.C.	A.B. 1942, Southern Methodist Uni-	Va.
Bloch, Henrietta	D.C.	versity	Pa.
Bloch, Mary Beatrice	D.C.	Bohan, John Patrick	D.C.
Bloch, Robert Oakleigh	Nobr.	Bohan, Joseph James	D.C.
Bloch, William Henry	Wis.	Bohan, Robert Marion	D.C.
Ph.B. 1940, University of Wisconsin		Bohn, John Thomas	
Blocher, Charles Andrew	Mo.	Bousclair, Thomas George	N.Y.
L.L.B. 1941, University of Kansas City		A.B. 1942, University of Wisconsin	D.C.
Block, Arthur Norman	D.C.	Bosen, Morton	D.C.
Blodgett, Norman Stack	D.C.	Baker, William David	D.C.
B.S. 1944, Worcester Polytechnic		Baldasar, Elizabeth Ellen	D.C.
Institute		Bolen, Arnold Lee	
Blois, Marsden Scott	Va.	A.B. 1947, High Point College	D.C.
B.S. 1942, United States Naval		Bolger, William Frederick	Md.
Academy		Bollagen, Clifford Fred	Ill.
Blom, Suzanne F. V. T.	D.C.	Bolland, Isabelle M.	
Blomquist, William Theodore	Ind.	B.S. 1944, Chicago Musical College	
Blondheim, Dorothy Hudson	N.C.	A.B. 1945, West Tennessee State	Ark.
A.B. 1914, Miami University		Teachers College	
Bloom, Charles Clifford	D.C.	Bollenbacher, Katharina	
Bloom, Howard	Md.	A.B. 1934, A.M. 1936, University	D.C.
Bloomfield, Irma Sondra	N.Y.	of Arkansas	
Blough, Glennoir Ethel	Pa.	Bollenbacher, Paula	Ill.
Blough, Hazel Ruth	D.C.	Bollenbacher, Robert Melvin	Iowa
Blount, William George	Ala.	Bollen, Angelo Domenic	D.C.
Blue, John Frederick	D.C.	Bolle, Ernest John	N.Y.
B.S. 1942, North Carolina State		B. Bauer, John Carter	N.Y.
Teachers College		Bolt, Robert	D.C.
Bluestone, Abraham	D.C.	Bolster, Jack Abraham	Va.
Bluestone, Frances	D.C.	Bolton, Alice Roberta	D.C.
Blum, Joseph	Va.	Bolton, Alice Roberter	D.C.
B.S. 1940, College of the City of		Bonanno, Mary	Pa.
New York		Bonanno, Philip Frederick	Okla.
Blum, Lester Morris	Wash.	Boravitch, George Michael	
B.E.E. 1918, College of the City of		Bond, Alice Virginia	
New York		A.B. 1927, Oklahoma College for	
Blumberg, Marvin	N.I.	Women	Tx.
Blumenfeld, Lawrence Mendel	D.C.	A.M. 1915, University of Texas	D.C.
Blumenthal, Henry Simon, Jr.	D.C.	Bord, David Lee, Jr.	
Blumenthal, Violet Smith	D.C.	Bord, Lester Fisher	Pa.
Blumstein, Perry Henry	N.Y.	A.F. 1942, Brooklyn College	
Blunt, Marjorie Ellen	Va.	Boss, Robert Charles, Jr.	Ill.
Blustein, Esther Ova	D.C.	B.S. 1927, Harvard College	Ill.
Blute, William Augustine	D.C.	Boush, George Jacob	Okla.
Book, James Harold	Pa.	Boush, Howard Bacon	Fla.
Bost, Marion Derrick	D.C.	Boush, Robert Thomas	N.Y.
Bots, William Taylor	Md.	Boush, Austin Jerome	
Botel, Alton James	Va.	B.S. 1911, College of the City of	D.C.
Boter, Pearl	Mo.	New York	
B. L. K. Nicholas	D.C.	Bowell, Elwyn Thomas	Va.
B. L. K. Harold Jerome	D.C.	A.B. 1942, Michigan State College	
A.B. 1911, The George Washington		Bennell, Ralph Irving	
University			

Bonnell, Virginia Yvonne A.B. 1943, Municipal University of Wichita	Mich.	Boteler, Marcia A.B. 1946, The George Washington University	Md.
Bonnema, Jean Marie	D.C.	Bothwell, Martha Lue	Va.
Bonnet, Jane Pierce	Va.	Barkus, Melba	D.C.
Bonner, Marie Anne	Nev.	Botschals, Lewis Edward	N.C.
Bonnett, Leo Victor	Ill.	Bott, Pauline Claire	D.C.
A.B. 1937, University of Minnesota		Bottelsson, Hugh Endre	Va.
A.M. 1942, The George Washington University		Bottmley, Helen Mae	Mass.
Bono, Evert Lee, Jr.	Pa.	Botts, John Arthur	D.C.
Bosch, Harold Leo	Wash.	Bouchette, Edward Motto, Jr.	D.C.
A.B. 1910, University of Pittsburgh		Bouffard, Nelson Joseph, Jr.	D.C.
B.D. 1915, University of Chicago		Boulary, Rene Andrew	Mass.
Bonwit, Kenneth Stanley	D.C.	Boumel, Blanche Elizabeth	Mass.
Boucher, Patti Yvonne	D.C.	Bouquet Chautemps, Jean Pierre	Md.
Bouker, Lewis Albert	D.C.	Bourgeois, Donald Grayson	La.
Bone, Mary Le Anne	D.C.	Bourne, Harry Brooks	D.C.
B.S. 1945, Northwestern University	D.C.	Bouton, Kathleen Jefferson	Va.
Bone, Thomas Hood	D.C.	Bovard, Helen	Va.
Bornman, Robert Henry	D.C.	Bovet, Ethel Mae	D.C.
Bosch, Emogene	Ark.	A.B. 1941, University of Minnesota	
Bosche, Daniel Underdown	D.C.	Boward, Lawrence Mark	Md.
B.S. 1946, University of Maryland		Bowden, Elise M.	Calif.
Bosher, Robert Edward	Iowa	A.B. 1938, San Jose State College	
Boschardt, Edward George	D.C.	Bowden, William Frank, Jr.	D.C.
B.E. 1945, Wisconsin State Teachers College, Lacrosse		Bowdler, Frances Lee	Md.
Borhardt, Owen Franklin	D.C.	Bowdon, Frank Allen	Ark.
Borholt, Archie Raymond	D.C.	Bowen, Carter M.	Md.
Borholt, Benjamin A.	Md.	A.B. 1941, The George Washington University	
B.S. 1941, The George Washington University		Bowen, David	Va.
Borchert, Earl William	D.C.	Bowen, Helen Kerfoot	Va.
Borden, Donald	D.C.	Bowen, John Stevenson, Jr.	D.C.
Borer, Harold Noah	N.Y.	Bowen, Lois Green	D.C.
Bosstrom, Marion	D.C.	A.B. 1935, American University	Utah
A.B. 1944, State College of Wash- ington		Bowen, Verma Sarah	D.C.
Berkert, Alfred	N.J.	Bower, Bernice Evelyn	Va.
Berland, Eugene Victor	D.C.	Bower, James A.	
Berland, Robert Patterson	Pa.	A.B. 1943, United States Military Academy	
A.B. 1943, College of Wooster		Bower, Thomas Elsbery, Jr.	D.C.
Berlin, Robert Kinsley	Ill.	Bowers, Aaron Newton, Jr.	Ga.
Bernett, Paul Leon	D.C.	Bowers, Betty Jane	Kans.
Bernmann, Carl Louis	D.C.	Bowers, Frank William	D.C.
Berff, Daniel Alvin	Conn.	Bowers, Richard Simpson	D.C.
B.S. 1942, College of the City of New York		Bowes, William Thomas	Va.
A.M. 1936, M.S. 1937, Columbia University		Bowie, Cleo Agatha	S.C.
Berry, Barbara Lee	Va.	A.B. 1925, Wanthrop College	D.C.
Berry, Bernard D.	N.J.	Bowie, David Irving	Va.
Berley, Patricia Elizabeth	Calif.	Bowie, Virginia Livingston	
Berwick, Howard Hall	Md.	A.B. 1945, Agnes Scott College	Pa.
Bertz, Maxine Cecelia	D.C.	Bowby, Floyd Edward	Va.
B.S. 1945, Wilson Teachers College	D.C.	Bowby, James Orlando	D.C.
Bertho, Emil	D.C.	Bowler, John Andrew, Jr.	Pa.
A.B. 1942, Brooklyn College		Bowles, Patrick John	D.C.
Ber Edmund	D.C.	Bowles, Sarah Alice	D.C.
Bern, Leonard Albert	Va.	Bowles, Strobey Jennings, Jr.	Va.
Berman, John Adrian	N.J.	Bowman, Anna Elizabeth	D.C.
B.S. 1943, University of Pennsylvania		Bowman, Eugene Wolf	D.C.
Bess, Tatiana	D.C.	A.B. 1940, University of Chicago	
Bessick, Ann	D.C.	Bowman, Josephus Alan	Tex.
Bisson, Edward John	D.C.	B.S. 1940, United States Military Academy	
Bess, M. Everett	Ohio	Bowman, Katie Elizabeth	Va.
Bessick, Dudley Chase	Mo.	Box, William Edward	Ala.
A.B. 1937, Amherst College	Va.	Boys, Carl	Md.
Beeler, Basil	D.C.	B.S. 1940, College of the City of New York	
		Boyd, Charles Edward	W.Va.
		Boyd, Foster	D.C.
		A.B. 1942, University of Maryland	Ill.
			Md.

Boyd, Irvin Alfred	Va.	Brand, William Robert	Pa.
Boyd, Joan Marie	D.C.	Brandenburg, James William III	D.C.
Boyd, Stanley Wayne	D.C.	Brandenburg, Virginia Allen	Ill.
Boyd, Thompson Harnes	Ill.	Brandenburg, Elise Ann	Pa.
B.S. 1946, University of Oklahoma		Brandimarte, Delphine Rose	D.C.
Boyd, Tobias J.	Pa.	Brandler, Alfred Jacob	D.C.
Boyer, Delda White	D.C.	Brandler, Arnold D.	Va.
Boyer, Edward Lee	Va.	Brandon, Edith Marie	Tex.
Boyer, Fred Yancy	Tex.	Brandon, Gilbert Lionel	
LL.B. 1942, University of Texas		Brandon, William Edward	
Boyer, Randolph Burton	Va.	A.B. 1944, Union University	
Boyko, Edgar Paul	Md.	Brandt, Iva Alma	
LL.B. 1945, University of Maryland		Brandt, Jean	
Boylan, Mary Agnes	D.C.	Brandt, Joseph Thomas, Jr.	
B.S. 1939, University of Minnesota		Brannon, Grace Elizabeth	
Boylan, Vincent De Paul	N.Y.	Brannon, Joan Virginia	
Boyland, Paul M.	Md.	Brannon, James Taylor	
Boyle, Anthony F.	N.Y.	Bransons, Bruce Stringfellow, Jr.	
Boyle, Betty Jean	Wis.	A.B. 1940, Virginia Military Institute	
Boyle, Charles Weema	D.C.	Brantetter, Cecil Dewey	
A.B. 1919, LL.B. 1943, Georgetown University		Brantley, Joe Vernon	
Boyle, Gloria Marie	Pa.	A.B. 1931, Harvard University	
Boyle, James Edward	D.C.	Brantley, Walter Frederick	
Boyle, John III	D.C.	Braslow, Sylvia Anna	
Boyle, Martha Ott	Va.	Brastow, Jerome Duryea	
Boyle, Patrick F.	D.C.	Bratt, Bryce Wendell	
Boyle, Robert William	Md.	Brattain, Donald Monroe	
Bozkurt, Mehmet Adnon	D.C.	Braugh, Frank Charles	
Bozof, Harry	Tenn.	Braunstein, Melvin A.	
LL.B. 1941, Columbia University		Braver, Arthur	
Bracey, Raymon Dallas	Va.	Brawner, Edgar Newlon	
Brackett, Marguerite G.	D.C.	Brawner, Mary Frances	
Bradford, Gordon Burbank	Md.	Bray, Arthur F.	
Bradford, Ralph Gordon	Va.	Bray, Lucile Keeton	
Bradley, Carl Lowry	Tex.	Bray, Marie Elaine	
Bradley, Dan Greene	Ala.	Breaneale, James Allen	
Bradley, Eileen Louise	Minn.	Breault, Paul Leonard	
Bradley, Elizabeth Hayes	Va.	Breck, John Robert	
A.B. 1945, College of William and Mary		Breckinridge, John	
Bradley, Harriet Fisher	Va.	A.B. 1941, The George Washington University	
Bradley, Hilary Patrick	Va.	Bredeman, John Henry	
Bradley, Jack Huron	D.C.	Breeden, Beas Eloise	
Bradley, John Curtis	Va.	Breen, James Francis	
Bradley, Lawrence Duval, Jr.	Calif.	Breen, John Michael	
Bradley, Shirley Ann	Wyo.	B.S. 1946, Georgetown University	
Bradshaw, Aaron	D.C.	Brees, Beatrice R.	
Bradshaw, Ann Showell	Pa.	Breoskin, Sol Daniel	
Bradshaw, William Dennis	Va.	Breher, Harry Alvah	
A.B. 1933, Duke University		Breher, Ruth E.	
LL.B. 1941, Georgetown University		Brehm, Theodore Louis	
Bradt, Joseph V.	Va.	Bresdenbach, Samuel Heavrin	
Brady, J. Luther Weldon	Md.	LL.B. 1945, B.S. 1944, The George Washington University	
Brady, Mark Aloysius	D.C.	Breitung, Amelia	
Brady, Robert Frederick	Va.	Brekke, Trond G.	
B.E.E. 1932, Catholic University of America		Brengle, George Robert	
Brady, Thomas A.	Mo.	A.B. 1945, Duke University	
Braun, Richard Larry	D.C.	Brennan, Dorothy Irene	
Braun, Ernest Carrington	Va.	Brennan, George Francis	
Braunster, Marsdale Alyese	D.C.	Brennan, John Wright	
Braheny, Gerald Joseph	D.C.	A.B. 1943, Catholic University of America	
Brahin, Frederick Arnold	D.C.	Brennan, Mae Dolbin	
Brain, William Herbert	Ill.	Brennan, Robert James	
B.S. 1944, University of Illinois		Brenneman, Dorothy	
Brakeall, Virginia June	W.Va.	Brenneman, Melvin Luther	
Braley, Jane Sandlin	Ky.	Brenner, Sonia	
Brame, Oleta	Fla.	B.S. 1939, Kansas State Teachers College	
Bramew, Alvin	D.C.	Brentlinger, John Weeks	
Branagan, Edward Francis	Md.	Bresler, Charles Sheldon	
Brand, Albert William, Jr.	D.C.	Bresler, Claire	
Brand, Anne Stewart	D.C.		

Breslin, Harvey Jerome	N.Y.	Brobeck, George Kenneth, Jr.	Md.
Bresler, Adele Cecelia	D.C.	Brache, Elliott Lewis	D.C.
Bretter, Wilson Kress	Ind.	Brook, Howard Thomas	D.C.
Brettell, Harold Clinton	D.C.	B.S. in Pharm. 1943, The George Washington University	
Breuer, Joseph Daniel	N.Y.	Brock, John Roy	Okla.
Breuer, Robert Carl	Va.	A.B. 1942, The George Washington University	
Brewington, William John	D.C.	Brock, Xavier Martin, Jr.	N.C.
Brewster, Charles D.	D.C.	Brockbank, Wallace Reed	D.C.
Brice, Carmaleton	Va.	R.S. 1946, Brigham Young University	
Brice, Lawrence Etheridge, Jr.	Ala.	Brockbank, Wells Evans	Utah
Brock, Beverly Tillie	Va.	Brockman, Haywood Carlton	Va.
Brickell, Carey Manuel, Jr.	Fla.	Brockman, Marion Robert	D.C.
B.S. 1943, Mississippi State College		Brodahl, Raymond Gilbert	Iowa
Brickman, Harry	N.Y.	B.S. in E.E. 1945, Iowa State College of Agriculture and Mechanic Arts	
Bridge, Richard Benedict	D.C.	Brodeur, Albert P. Jr.	Md.
Bridges, John Gordon	D.C.	Broderick, Katherine E.	R.I.
Bridgman, Robert Abbott	Md.	Brodeur, Loy Hall	D.C.
Brunder, Emil	D.C.	Broditsky, Benjamin Paul	Del.
B.S. 1942, Temple University		A.B. 1942, University of Delaware	
Brown, Bernadene	Okla.	A.M. 1934, University of Pennsylvania	N.Y.
Brown, Francis Gifford	Ky.	Brodsky, Herman	
Briggs, Harold Lincoln	Mass.	A.B. 1946, University of Maryland	D.C.
Briggs, Lee	N.C.	Brody, Herman	
A.B. 1935, Carleton College		A.B. 1946, The George Washington University	
Briggs, Russell Willard	N.Y.	Brody, Leonard Harry	N.Y.
Bingham, Richard Elijah	D.C.	Brody, Norman	D.C.
Bright, Aubrey Allen	Va.	Broghon, James Lamar	Ga.
Bright, Cooper B.	N.J.	Broksky, Gerald	N.J.
A.B. 1931, Rutgers University		Bromer, Louis	N.Y.
Brill, Edward Pope	D.C.	Bromley, William Carl	D.C.
Russell Frederick	Ohio	Brommough, Alfred Taylor	D.C.
B.S.A. 1939, Fenn College		B.S. in E.E. 1949, The George Washington University	
Brinkhart, Dorothy Mae	Va.	Brook, Helen C.	D.C.
Brinley, Ralph F. W.	N.C.	Brooke, Dorothy Agnes	D.C.
B.S. 1928, North Carolina State Teachers College		Brookner, Jack	Fla.
A.M. 1940, University of North Carolina		B.S. 1947, George Williams College	D.C.
Brindle, Betty Jane	Pa.	Brooks, Carol	D.C.
Brinkhurst, Mark Dilworth	Utah	Brooks, Charles Adams	Ky.
Brinman, William Oliver	D.C.	Brooks, Charles Andrews	
Brinkley, Jacques Norwood	D.C.	A.B. 1939, Berea College	N.Y.
Brinkley, Jean Oliver	D.C.	Brooks, Charles Kenneth	N.C.
Brinkley, Walter Joseph	D.C.	Brooks, Gladys Marie	D.C.
B.S. 1943, Georgetown University		Brooks, Harrison Morton, Jr.	
Brinson, Edith	Tex.	B.S. 1940, Wheaton College	D.C.
B.S. 1939, Sam Houston State Teachers College		Brooks, Jefferson Davis	Fla.
Brishae, Austine Francis, Jr.	Va.	Brooks, Samuel R.	Md.
Brishae, Joseph Hamilton	W.Va.	Brooks, Verna Jane	
Brishaw, Joseph Francis	Va.	A.B. 1940, Susquehanna University	
A.B. 1947, L.L.B. 1948, The George Washington University		M.Ed. 1941, Temple University	Va.
Brish, William Murray	Md.	Brooks, William Alfred	Va.
A.B. 1928, Franklin and Marshall College		Brosseau, Reginald George	
A.M. 1912, Columbia University		L.L.B. 1941, Northeastern University	Va.
Brissel, Ethel C.	Calif.	Brostrup, John Oliver	Va.
Brissow, John Wesley	N.Y.	Brougher, John Frederick	
Brissow, Joseph N. Quayle		A.B. 1926, A.M. 1929, Columbia University	
Britt, John Francis Xavier		Brower, Estelle Evangeline	Va.
A.B. 1942, A.M. 1946, The George Washington University		Brown, Alice Frances	Pa.
Britt, Severine Hansenne	Va.	Brown, Anne Sampson	Ark.
Britt, Theodore Cleveland	Va.	A.B. 1934, Northeastern State College	Va.
Britten, George Benjamin	D.C.	Brown, Arthur Charles	Md.
Britten, Bardick Hemkel	Va.	Brown, Barbara Marion	D.C.
A.B. 1940, Union College		Brown, Benjamin Franklin	W.Va.
Britton, Glynn Artnie	Mo.	Brown, Betty Gene	D.C.
Britton, Suzanne	D.C.	Brown, Betty Jayne	Va.
Broadbent, Frank Clifford	D.C.	Brown, Byron John	Va.
Broadbent, Betty May	Md.	Brown, Charles Herndon	
Broadbent, Cornelius Amers	Md.		

Brown, Charles Robert	D.C.	Brownings, Thomas Jefferson	D.C.
Brown, Clifton Harry	Va.	Brownrigg, William J. III	D.C.
B.S. 1940, Kansas State Teachers College		Brownson, Ernest Maitland	N.J.
Brown, Craig Franklin	D.C.	Brownstein, Herman	D.C.
Brown, Daniel	N.J.	Broy, Anne Norton	Va.
Brown, Donald Arthur	D.C.	Bruce, Barbara Lann	Kent.
Brown, Duvalene	D.C.	Bruce, Charles Warren	Mass.
Brown, Earle Montgomery	Va.	Bruce, Clayton Roy	Pa.
Brown, Earle Palmer	D.C.	B.S. 1946, University of Pittsburgh	Va.
A.B. 1944, Washington and Lee University		Bruce, James Crawford	Me.
Brown, Elsie Mio	D.C.	Bruce, Joseph Robert	D.C.
Brown, Frank Redfield	Va.	Bruce, Tracey Kirtz	Okla.
Brown, George Edward	Va.	Bruce, William Averett	Fla.
Brown, Harold	D.C.	Bruce-Briggs, Florence James	D.C.
Brown, Harold Kent	D.C.	Brucker, Clarence Eugene	N.Y.
Brown, Helen Whiteside	D.C.	Bruckner, Benjamin Harry	
A.B. 1946, Vassar College		A.B. 1943, Columbia University	Mont.
Brown, Herbert	N.Y.	Bruckner, Raymond Lawrence	S.D.
B.S. 1916, College of the City of New York		Brudo, Charles Salomon	Wash.
Brown, Hollis Booth	D.C.	Brugger, Vernon Walter	Va.
Brown, James Grady	D.C.	Bruzioni, Dino Anthony	D.C.
Brown, John Joseph	Kans.	Bruin, Edith Helen	N.A.
Brown, Joseph Seashold	D.C.	Brumbaugh, Vere Samuel	Wash.
Brown, Kendal Harold	Me.	Brummer, Eleanor	
Brown, Kenneth L.	D.C.	Brunner, Barbara Virginia	Pa.
Brown, Lawrence Edmund	Va.	A.B. 1944, Whitman College	
Brown, Lawrence Ray	Colo.	Brum, Samuel Antonio	
Brown, Leonard Ralph	N.Y.	B.S. 1941, Pennsylvania State Teachers College, Indiana	D.C.
Brown, Lois May	D.C.	Brunson, Clifford Lawrence	Conn.
Brown, M. Gordon	D.C.	Bruskin, Leo	Me.
B.S. 1928, Radford College		Bruyere, Paul Tulane	
A.M. 1932, Emory University		A.B. 1930, Princeton University	Va.
Brown, Marcus	Va.	M.D. 1935, University of Chicago	D.C.
Brown, Margaret Adams	N.C.	M.P.H. 1941, Yale University	
A.B. 1940, East Carolina Teachers College		Bryan, Albert Vickers	
Brown, Martin	N.Y.	Bryan, Douglas Volk	Ill.
Brown, Maude D.	Okla.	A.B. 1932, Stanford University	D.C.
Brown, Merrill Reynolds	Va.	Bryan, Guy Frances	D.C.
Brown, Oril Irene	D.C.	Bryan, Henry Jennings	Va.
B.S. 1910, Northwestern University		Bryan, Jacqueline Hooppav	D.C.
Brown, Paul Ambrose	D.C.	Bryan, James Frazier	
Brown, Raymond	D.C.	Bryan, Ken	Ind.
B.S. 1910, New York State Teachers College, Buffalo		B.E. 1911, M.S. 1912, North Carolina State Teachers College	Va.
Brown, Richard Allen	D.C.	Bryan, Ralph H.	Mont.
Brown, Robert Alfred	D.C.	Bryant, Clarence Richard	Pa.
Brown, Robert David	W.Va.	Bryant, Fred Webster, Jr.	Ala.
Brown, Robert William	Me.	Bryant, Leslie Reese	Va.
Brown, Ross Carl	S.D.	Bryant, Mary Lucille	Me.
Brown, Ruth Carolina	Ill.	Bryant, Roberta Bond	D.C.
A.B. 1944, MacMurray College		Bryde, Georgia Rea	Pa.
Brown, Stuart Harrison	Col.	Brydon, George MacLaren, Jr.	Va.
Brown, Thomas Cameron	D.C.	Brydon, Albert John	
Brown, Victor L.	N.Y.	Bryner, Leon Kirkpatrick	
Brown, Virginia Geraldine	D.C.	A.B. 1942, A.M. 1945, American University	N.J.
Brown, Webster Emerson	Va.	Brzezinski, Edmund Joseph	Pa.
Ph.D. 1937, Mohlenberg College		Bubatz, Nick, Jr.	N.Y.
Browne, E. Carleton	W.Va.	Buehler, Joseph Donat	D.C.
A.B. 1916, Shepherd College		Buehler, Charles Hartington	D.C.
A.M. 1919, West Virginia University		Buehler, David Phillips	D.C.
Browne, James I.	Va.	Buchanan, Donald Richard	D.C.
Brownell, Gwendia Ellen	Iowa	Buchanan, James Allen, Jr.	N.Y.
Brownfield, Marlen Ruth	D.C.	B.S. in M.E. 1944, Northwestern University	D.C.
Brownfritz, William Walter	Pa.	Buchanan, Margaret	N.J.
Browning, Francis Gerard	Me.	Buchanan, Thomas R.	Va.
Browning, Lewis Ellsworth	D.C.	Buchholz, Edward Walter	Ill.
Browning, Paulus Powell, Jr.	D.C.	Buchholz, David Infe	D.C.
B.S. 1941, University of Pennsylvania		Buck, Barbara Lou	
		Buck, Fred Everett	
		Buck, George Henry Francis	

Buck, Samuel Otho	D.C.	Buranitz, Catherine Georgine	D.C.
Buckley, Albert	D.C.	Burch, Charles Augustus	Md.
Bucknow, Dorothy	Ark.	B.S. 1947, United States Naval Academy	
Buckner, Robert Stanton	D.C.	Burch, Gordon Henry	Mich.
B.S. 1941, University of Maryland		Burcham, Robert P. (Jr.)	D.C.
Buckner, Margaret Ellen	D.C.	Burchard, Kathryn Anne	N.J.
Buckner, Arthur Stanley	D.C.	Burdenski, Henry Ernest	D.C.
Buckner, James Leonard	D.C.	Burdette, Ernest Linwood, Jr.	Va.
A.B. 1941, The George Washington University		Burdette, Richard Paul	D.C.
Buckley, Betty Jean	D.C.	Burger, Murray	N.Y.
Buckley, Jonathan Farley	N.Y.	B.M.F. 1942, New York University	
Buckley, Margaret Ellen	D.C.	Burges, Howard Benjamin	Ariz.
Buckley, Robert Baldwin	D.C.	Burgess, Arthur Lewis	D.C.
Buckley, Thomas Edward	D.C.	Burgess, Eileen Elizabeth	Mo.
Buckley, William Francis	D.C.	Burgess, James Thomas	Ga.
Buckman, William Boyd	D.C.	Burgess, Suzanne	Mass.
Buckman, Bettina	Mass.	Burgess, William Homer	D.C.
A.B. 1940, Stanford University		Burgeson, John Chapman	Maine
Buckner, Bernard	Va.	B.S. 1933, Colby College	
A.B. 1942, Brooklyn College		Burhans, Barbara C.	Va.
Buckner, Thaddeus Gaston, Jr.	Fla.	Burk, Monroe F.	D.C.
Buck of Mount Lillian	Calif.	A.B. 1941, Hunter College	
Bud, Michael M.	Calif.	Burke, Calvin Roscoe	D.C.
Budge, Mary Emmalyn	Va.	Burke, Catherine Marian	D.C.
B.S. 1949, Madison College		A.B. 1949, A.M. 1950, The George Washington University	
Budney, Matvey Baker	D.C.	Burke, James Lansing	Md.
Budney, Stephen	N.Y.	Burke, John Edward	Va.
A.B. 1949, Brooklyn College		B.S. 1934, Indiana University	
Bue, Emily Josephine	N.Y.	Burke, John Grant	Va.
Buehler, Frances C.	D.C.	Burke, Leon Harry	D.C.
Buell, Douglas MacLeod	D.C.	Burke, Louise Anslee	D.C.
Buell, Joseph Whitman	D.C.	Burke, Margaret Elizabeth	N.J.
Bufluff, Denis	D.C.	Burke, Margaret Joseph	Va.
Bull, Mariana Trice	Va.	Burke, Thomas Joseph	Md.
Bull, James Ordoth	D.C.	Burke, Vivian Tuba	N.I.
Bugada, John Anthony	N.H.	Burkert, Alfred	D.C.
Bugata, Ephraim	D.C.	Burkhardt, Laurence Anthony, Jr.	Va.
Bukay, Paul Edward	Pa.	Burkholder, Allen W.	Va.
A.B. 1942, The George Washington University		Burkholder, Goldie Hall	D.C.
Burden, Thomas Melvin	D.C.	Burkles, Robert Blair	Va.
Buhrman, Lloyd William	Mo.	Burleson, Harold Brooks	D.C.
A.B. 1939, Washington University		Burlingame, Jane Hilda	Fla.
Bullock, Natalie	D.C.	Burnell, Robert Maurice	Ill.
Bulver, William Lobdell, Jr.	D.C.	Burnett, Melvin Loren	D.C.
Bull, Susan Evelyn	Ky.	Burnette, Nancy Frances	
A.B. 1949, Stanford University		A.B. 1945, The George Washington University	
B.S. 1950, University of London		Burndick, George Richmond	D.C.
Burd, Alden Margaret	N.C.	Burns, Donald Francis	D.C.
Burd, George Robert	Fla.	B.S. 1933, Indiana University	N.I.
Burd, Donald Davis	Fla.	Burns, Eugene Joseph	Mass.
Burd, Frederick Allyn	D.C.	Burns, Frances Jeanne	D.C.
Burd, Lee Gerrard	N.Y.	Burns, James Landon	D.C.
A.B. 1942, Oberlin College		Burns, James Patrick, Jr.	D.C.
Burd, Howard B.	Va.	Burns, Louis John, Jr.	Wyo.
Burd, Les Theodore	D.C.	Burns, Mildred Emma	D.C.
Burd, John Frank	D.C.	Burns, Percival Thorsell	Mass.
Burd, Harry	D.C.	Burns, Robert Joseph	D.C.
Burd, Stanley John	N.Y.	Burns, Robert Lee	G.C.
Burman, Lila Dale	Ill.	Burns, Thomas Alvin, Jr.	D.C.
Burgess, Dorothy Hunter	D.C.	Burns, Velma Irene	
Burgess, Edward L.	Va.	A.B. 1935, Oklahoma College for Women	
Burgess, James Franklin	D.C.	Burns, William Robins	N.Y.
Burgess, Roscoe Claude	D.C.	Burn, David Russell	D.C.
Burd, Hazel B.	Va.	Burn, Heshbert Sydney	N.Y.
A.B. 1942, Boston University		A.B. 1940, LL.B. 1944, Fordham University	
Burke, Frederick Burton	D.C.	Burns, George Alvin	D.C.
Burke, Grace Elizabeth	Me.	Burns, James Albert	D.C.
Burke, Joseph Rudolph, Jr.	Me.	Burns, Herbert F.	D.C.
Burke, Charles Ellis	D.C.	Burns, Kenneth Wilson	D.C.
Burak, Stanley	Pa.		

Burrows, Richard Elmo	D.C.	Byrne, Helen C.	Colo.
Burrows, William	Ill.	A.B. 1925, A.M. 1937, University of Denver	Iowa
Bursley, Patricia Eliza	Va.	Byrne, Mary Margaret	Va.
Burson, Bonnie Lee	Miss.	Byrne, Michael Joseph	N.Y.
Burson, Edna Ruth	N.J.	Byrns, Chester James	
Burstein, Gloria	D.C.		
Burstein, Rena Benson	Va.		
Burton, Alma Mae	Md.	Cadeaux, Albert H.	D.C.
Burton, Bonnie	D.C.	Cadeaux, Ralph Helale	D.C.
Burton, Gwendolyn Louise	Va.	Cadel, Bernard Howard	N.Y.
Burton, Joseph John	D.C.	Caffee, Franklin B.	Calif.
Burton, Lockwood D.	D.C.	B.S. 1939, University of California	
Burton, William Miles Joseph	N.Y.	Calisch, Frank Albert	W.S.
Burton, Walter William, Jr.		Calitz, Isabel	D.C.
B.E.E. 1942, Cornell University		Cahan, Jules Isaac	D.C.
Borzynski, Nancy Jane	Va.	Caherty, Patricia Mary	Md.
Buschman, Billy Frederick	Pa.	Cahill, Frank Peter	D.C.
Buschmeyer, Frederick Sherman	D.C.	Cahill, James David	D.C.
Buser, Elizabeth Ann	D.C.	Cahill, Mary Frances	Wash.
Bush, Donald Cochran	Pa.	Cahill, William Todd	Wash.
Bush, Edward Revenir	Md.	Caboon, Lynda Lee	D.C.
Bush, Jeremiah Estell	Va.	Cain, George Stepin	D.C.
Bush, Laura Joselyn	Va.	Cain, John Wallace	N.C.
Bush, Margaret Ann	N.C.	Cain, Leighton Aubrey	N.Y.
Bushmier, William Pryor	D.C.	Cairns, Edna Marie	
Bushong, Herman Leslie, Jr.	D.C.	B.S. 1948, New Jersey State Teachers College, Trenton	D.C.
Busick, George Cabell	Va.	Cairo, Frank Augustus	
A.B. 1941, The George Washington University		A.B. 1939, Catholic University of America	Va.
Buss, JoAnne Marilyn	Pa.	Calbreath, James Brownlee, Jr.	Md.
Bussard, Gale Ernest	Md.	Caldwell, Callis A.	D.C.
Bussey, George Prentice	D.C.	Caldwell, Edward Richard	Pa.
Bussey, Howard Emerson	S.D.	Caldwell, Elizabeth Brandt	Tenn.
A.B. 1943, The George Washington University		A.B. 1940, Wilson College	D.C.
Bussler, John McGrossin	D.C.	Caldwell, Randolph Foster, Jr.	Va.
Bussler, Robert Bruce	D.C.	Caldwell, Robert Davis	
Buswell, Joan Emily	Md.	Caldwell, Turner Foster	
Butcher, Dale Preston	W.Va.	B.S. 1935, United States Naval Academy	Va.
Butcher, David Frederick	Minn.	Calboun, Marguerite Robinson	
Butcher, Marilyn Alice	D.C.	A.B. 1928, Mississippi State College for Women	D.C.
Butterbaugh, Charles C.	D.C.	Calindo, Salvador Benitez	D.C.
Butkus, Carl John	D.C.	Call, Edward Payson	D.C.
Butler, Claude Lee	D.C.	Callaghan, Frances Goddard	N.Y.
Butler, Elizabeth Amelita	Ill.	Callahan, Catherine Dodson	Pa.
Butler, Ellen Galvin	Ga.	Callahan, John Francis	D.C.
A.B. 1944, Woman's College of the University of North Carolina		Callahan, Joseph Robert	U.S.
Butler, Eugenia Jefferson	D.C.	Callahan, Martha Anne	
Butler, Jeanne Ann	D.C.	Callahan, Sterling Grundy	
Butler, John Jarvis IV	Va.	A.B. 1937, Brigham Young University	Utah
Butler, Richard Dunbar	Md.	Callahan, Thomas Bernard	
Buttram, Roy Warden	D.C.	Callander, Ann Delley	Md.
B.A.E. 1946, Rensselaer Polytechnic Institute		Callander, Chester Lee	
Butterworth, Russell William	Calif.	A.B. 1940, University of California	N.Y.
Button, Dale Leon	Kans.	Callander, Robert Redfield	D.C.
Butts, Frankie Wilson	D.C.	A.B. 1941, Union College	Va.
B.S. 1922, University of Missouri		Callander, Vincent Irving	D.C.
A.M. 1942, The George Washington University		Callaway, Emily Annette	Va.
Butts, William Aglonby	Va.	Callaway, Gilbert Evans, Jr.	Va.
Butz, John Remis	Colo.	Callaway, Hilda Willis	D.C.
Buxton, Edward Nelson	Va.	Callaway, Joseph Easterling	W.Va.
Buzzard, Charles Eugene	Ill.	Callaway, William Edward	D.C.
Buzzell, Donald Alan	Va.	Callahan, C.W. Marvin	D.C.
Buzzell, Helen Rebecca	Ill.	Callow, John Edgar	D.C.
Byfield, Edward Bartlett	D.C.	Callow, John Henry	D.C.
Byrd, Harold Edward	D.C.	Calloway, Patricia Ann	
Byrd, Harry Clifton, Jr.	Md.	Callumers, William Basil	
B.S. 1936, University of Maryland		A.B. 1946, The George Washington University	
Byrd, Maria	Va.		

Calomiris, Willie Donald	D.C.	Cannon, Helen Hildred	Va.
Calton, Minnie Schooley	D.C.	Cannon, Jane Gay	Tenn.
Calvert, Allen Fisher	Va.	Cannon, John Andrew	D.C.
Calvert, Arthur Keith	D.C.	Cannon, Vincent Thomas	R.I.
Calvin, Charles Joseph	Pa.	B.S. 1935, Rhode Island State College	D.C.
Calvitt, Jean Rast	D.C.	Cannon, Walter Robert	D.C.
B.S. 1940, Winthrop College		Cantini, Humbert John	N.C.
Calvo, Mary Alicia	Mexico	Cantor, Paul Gerard	N.Y.
Camalier, Lucile Marie	D.C.	Cantrell, Lanny Jean	D.C.
Cambouri, Marie Louise A.	D.C.	Cantrell, Lawson James	D.C.
Camby, John Joseph	Pa.	Cantwell, William James	N.Y.
B.S. 1941, Carnegie Institute of Technology		Canalia, Guido John	D.C.
Cameron, Archie Enos	D.C.	Capano, Matthew Leonardo	Pa.
B.S. 1941, Ferris Institute		Capozzi, Edward Joseph	D.C.
Cameron, Frank Conevery	Pa.	Captain, Dorothy Hilda	D.C.
A.B. 1933, University of Michigan		Captain, Leon Sandler	Kans.
Cameron, John William	D.C.	Caphinger, Robert Dale	D.C.
Cameron, Richard, Jr.	Ill.	Capo, Augustin Guillermo	Va.
Cameron, William K.	D.C.	Capon, Charles Orval	Va.
Campbell, Adele Pauline	Mass.	Capozzi, John Theodore	N.J.
B.S. 1943, Boston University		Capps, John Walter	Va.
Cammack, Ruth	N.M.	Cappeman, Mary Beverly	Va.
Cammer, Margaret Ann	Va.	Cappemann, Jean Virginia	Va.
Camp, Robert Clifford	Va.	Cappello, Adam Edward	Va.
B.S. in E.E. 1939, Purdue University		B.S. 1945, Temple University	Md.
Campagna, Joseph Henry	D.C.	Capps, Emmy Lou	Va.
Campbell, Barbara	Va.	Capps, Frank Leslie	Va.
Campbell, Bernard Christopher	D.C.	Caran, Frank Louis, Jr.	D.C.
Campbell, Charles David	Iowa	Carden, Ferdinand Sebastian	Mass.
Campbell, Charles Edward	D.C.	Cardinal, Louis Charles	D.C.
Campbell, Charles Edwin	Ky.	Cardinale, Vincent Theodore	D.C.
Campbell, Charles Frederick	Va.	Carew, Patricia Carol	D.C.
Campbell, Charles John	Pa.	Carey, George Henry, Jr.	Va.
Campbell, Donald Alfred	Md.	Ph.B. 1946, Providence College	Va.
Campbell, Doris Lorraine	Pa.	Carey, Paul Francis	D.C.
Campbell, Elvin Odell	D.C.	Carey, Polly Etta Florella	D.C.
A.B. 1942, University of Oklahoma		Carl, Alma Virginia	D.C.
Campbell, Frances E. C.	D.C.	Carl, Henry Jean	N.C.
A.B. 1939, University of Washington	D.C.	Carland, Eugene	D.C.
Campbell, James Joseph	D.C.	Carlin, Charles Creighton	Pa.
B.S. 1943, James Richard	Va.	Carlin, John Francis	Va.
B.S. 1943, Ohio Northern University	D.C.	Carlson, Bertha	Va.
Campbell, Jan Florence	Fla.	B.S. 1939, Columbia University	Va.
A.B. 1940, A.M. 1942, University of Florida		Carlson, Charles Arthur, Jr.	N.Y.
Campbell, John Howard	D.C.	Carlson, David Jeannette	D.C.
Campbell, Louis Cellars, Jr.	Va.	Carlson, Howard Kenneth	Ill.
Campbell, Margaret Irene	Maine	Carlson, Jeanne Louise	Md.
Campbell, Mildred Ann	D.C.	Carlson, John Arthur	D.C.
Campbell, Patricia Anne	D.C.	Carlton, Harry Nelson	Mass.
Campbell, Patricia Margaret	D.C.	Carlton, Virginia May	D.C.
Campbell, Paul Gilbert	Md.	Carmichael, Lindsay Richard	D.C.
Campbell, Robert Alexander, Jr.	N.J.	Carneiro, Lilian Dias	Md.
Campbell, Robert Allen	Md.	Carnes, Raymond Eugene	N.Y.
Campbell, Roger Llewellyn	Va.	Carnivale, Caroline	D.C.
B.S. 1936, Newark College of Engineering		Caron, Margaret Claire	D.C.
Campbell, William Dean	D.C.	A.B. 1946, Hunter College	D.C.
Calvert, William Robert	Md.	Caron, Peter Francis	Mass.
Campion, Harold Joseph	Iowa	B.S. 1933, New York University	Mass.
Campo, Victor Charles	D.C.	Carothers, Constance Olive	Md.
Campes, Sonia Margarita	Va.	Carow, Melicent Madeleine	D.C.
Canafax, Everett Daniel	Ky.	Carpenter, Caleb Fred	D.C.
Canaris, Nicholas Mathew	D.C.	Carpenter, Dorothy Moore	Fla.
Cancro, Ciro Anthony	N.Y.	Carpenter, Gladys Rosemary	D.C.
Cannata, Carmelo Charles	Va.	Carpenter, Henry Lewis	N.Y.
Canney, William Molyneux	D.C.	Carpenter, John C.	D.C.
Cannon, Florence Leiken	Conn.	A.B. 1927, University of Rochester	Va.
Cannon, Gerald	D.C.	Carpenter, William David	D.C.
		Carr, Frank Patrick, Jr.	N.Y.
		Carr, I. Harry	D.C.
		B.S. 1944, Columbia University	D.C.
		Carr, James Lyle	D.C.
		A.B. 1947, Franklin and Marshall College	

Carr, Paul Erskine	D.C.	Cassidy, Vesta	MD.
Carr, William Keith	Va.	B.S. 1942, University of Maryland	DC.
Carrabino, Joseph Dominic	Mass.	Cassiberry, Janet Louline	N.Y.
B.S. 1944, Worcester Polytechnic Institute		Casson, Irving Seymour	MD.
Carrasquillo, Ana	Puerto Rico	Casson, Marion Kathleen	Pa.
Carreras, Carmen Aida	Puerto Rico	Cassidy, Teresa Mary	DC.
Carriger, Guy Homer	D.C.	Cassidy, Thomas Richard	Ky.
B.S. 1942, North Texas State Teachers College		Cassidy, William David	N.Y.
Carrillo, Maria Marcela	D.C.	Cassidy, Jose Maria	MD.
A.B. 1929, University of Puerto Rico		Cassidy, John Hawley	Va.
Carrroll, Jane	Mid.	Cassidy, Mary Lee	DC.
Carrroll, Mary Josephine	Tenn.	Cassidy, Anthony Joseph	DC.
A.B. 1931, Maryville College		Catalan, Elena Isolina	MD.
Carrull, Therese	R.I.	A.B. 1942, Dartmouth College of the Holy Cross	MD.
Carrull, William Robert	Conn.	Catalan, Catherine	MD.
Carr, Robert John	D.C.	Catalan, Nancy Janet	DC.
Carson, Harry Roberts, Jr.	Tex.	B.L.S. 1939, New Haven State Teachers College	DC.
B.S. 1937, United States Naval Academy		Cates, Charles Lee	DC.
M.S. 1942, California Institute of Technology		Cates, Mary E.	DC.
Carson, Mary Alice	Tex.	Carlin, Thelma Ruth	Pa.
Carson, Ruth Pendleton	Mid.	Carlett, Donald Ray	N.Y.
A.B. 1941, University of Maryland		Cason, Vernon Ventell	N.Y.
Carten, Leo A.	D.C.	Cattabara, Robert Matthew	N.Y.
B.S. 1934, Massachusetts Institute of Technology		Cattato, Marie Louise	Va.
I.I.B. 1942, The George Washington University		A.L.B. 1944, Fordham University	Ala.
Carter, Cornelia Keith	D.C.	Caulfield, Samuel Joseph	DC.
A.B. 1925, Southwestern University		Causby, Oscar Samuel	DC.
Carter, Fern	Ky.	A.B. 1934, A.M. 1928, Howard College	MD.
Carter, George Washington	Ohio	Cavalli, Frank Nicholas	MD.
Carter, Jack	Va.	Cavalli, Guido	Que.
Carter, James Cameron	Mid.	Cavanagh, John Edward	N.Y.
Carter, John Miles	D.C.	A.B. 1941, University of Oregon	N.Y.
Carter, Kenneth	Calif.	Cavanagh, Martin	DC.
Carter, Margaret Emerick	Va.	B.S. 1941, Fordham University	Pa.
B.S. 1939, Mary Washington College		Cavanagh, Joseph Thomas	Pa.
Carter, Neville Wynmore	D.C.	Cavanagh, Vincent dePaul	Va.
Carter, Philip Richard	MI.	B.S. 1939, Pennsylvania State College	Va.
Carter, Robert Randolph	Okla.	Cavano, George Asen	Va.
Carter, Robert Irving	N.Y.	Cave, Betty Patton	N.Y.
Carter, Sidney		B.S. 1941, Appalachian State Teachers College	DC.
B.Chem.Eng. 1942, College of the City of New York		Cayas, Anton	DC.
Carter, William R.	Va.	Cayler, Vivian Blanch	DC.
B.S. 1932, Virginia Polytechnic Institute		Cayton, Hannah Lewis	Va.
Cartin, Thomas Joseph	N.Y.	B.S. 1932, Madison College	Va.
Carlini, Leonard	Mass.	A.M. 1937, Columbia University	MD.
Caruso, Anthony John	D.C.	Cedarblad, Jack Robert	DC.
Caruso, Lawrence Robert	N.I.	A.B. 1942, University of Denver	Pa.
Caruthers, Chester Preston	Va.	Cederberg, Arnold Beria	Pa.
Caruthers, Leo Thomas, Jr.	Ala.	Cederstrand, Carl Nelson	Pa.
Casas, Lydia	Pa.	Celaratti, Donald, Jr.	Pa.
Casanova, Arturo Ynsencio III	D.C.	A.B. 1940, University of Pittsburgh	Pa.
Casanova, Leon Orilia	D.C.	Cenamo, Anthony Dominic	Pa.
Casex, Carol Mae	Mich.	Cenamo, Rauling R.	Pa.
Casex, Frank Theodora	Ala.	Cesla, Roland P.	N.Y.
Casex, John Brendan	DC.	Cerne, Rose Ann	N.Y.
Cash, Harvey James	DC.	Cerra, Arthur Joseph	Pa.
Cash, James Barrett, Jr.	Ark.	Cervantes, Robert Martinez	Pa.
Cashin, James Michael	D.C.	Cervantes, Clara Carolyn	Pa.
Cason, James H.	I.	B.S. 1928, Central State College	Pa.
Cassara, Louis Albert	Pa.	A.M. 1911, University of Alabama	Pa.
Cassedy, Jack Nelson	Pa.	Chambers, John James	Pa.
Cassedy, James Lawrence	Va.	Chambers, Moses G.	Pa.
A.B. 1942, Randolph-Macon College		Chambers, N. Julius	Pa.
Cassedy, Jary Groff	MI.	Chandler, Edward Andrew	Pa.
		A.B. 1942, Columbia University	Pa.
		Chapin, Robert Norman	Pa.
		Chapin, Bernard	Pa.
		B.S. 1942, College of the City of New York	Pa.
		Chakares, Pa. Jane George	Pa.

Chakravarti, Sunilkumar B.S. 1936, M.S. 1938, Calcutta University	India	Chattinick, Stephen Chatt, Dia Fadia M.D. 1937, Damascus University	D.C. Syria
Chafin, Seymour	N.Y.	Chen, Chang Hai	Mont.
Chalmers, Norman Edward	N.Y.	Chen, Ming	
Chamberlain, Margaret Louise	Va.	Chenev, Eugene Anne	
Chamberlain, Thomas W.	Mo.	Chenev, Ruth Kellum	
Chamberlin, Beverly Mann	Va.	A.B. 1945, Oberlin College	
Chamberlin, Jack Stewart	Va.	Chenault, Joe Young	D.C.
Chamberlin, Sally	Va.	Chen, Anna Kong Chi A.B. 1944, St. John's College	D.C.
Chambers, Jay Lee, Jr.	D.C.	Chernitzky, Alvin	N.Y.
Chambers, Lyric Gracil	N.Y.	Chernitsky, Edwin J.	Tex.
Chambers, Milton William	D.C.	Cherry, Dorothy Mildred	D.C.
Chandler, Ralph Van Sickle, Jr.	Va.	Cherry, John Claxton, Jr.	Va.
Chambers, Charles Edward	D.C.	Chertoff, Mitchell	N.Y.
Chambliss, Robert Andrew	D.C.	Chertok, Leonard	Pa.
Chambliss, William Joseph	D.C.	Chervitz, Alexander	D.C.
Chambliss, Elizabeth Schare	Mo.	Cherwek, Stanley	D.C.
Chambliss, James Chandler	D.C.	Cheskov, Evelyn Ruth	D.C.
Chambliss, Marvin Asbury	Va.	Cheslow, Ernest	N.Y.
Champlain, Mary Margaret A.B. 1942, The George Washington University	Va.	B.Chem. Eng. 1940, College of the City of New York	
Chan, Arthur	Calif.	Chesney, Daniel Roger	D.C.
Chanaka, Margaret Andrea	D.C.	Chevrier, Douglas Henry	D.C.
Chanay, Nadine Hanna	Kans.	Chevillier, Benjamin Frederic	D.C.
Chandler, Alvin Duke	Va.	A.B. 1938, University of Wisconsin	
Chandler, Donald Erik	D.C.	Chevitiz, Julia Pollack	Va.
Chandler, Harold Nelson	Va.	Chiang, Robert H.	China
Chandler, Herbert G.	Va.	A.B. 1941, Yenching University	
Chandler, Robert Alexander B.S. 1934, United States Naval Academy	S.C.	Chernovsky, Mildred	D.C.
Chandler, William Thomas	D.C.	Chernovsky, Miriam Charlotte	D.C.
Chaney, John Waters A.B. 1941, University of Maryland	Md.	Chesler, Betty Lee	W.Va.
Chap, Gertrude Estelle	D.C.	Chesnut, George Owen	Va.
Chapman, Angelita Violeta	Va.	Child, Daniel Keigwin	Md.
Chapman, Lewis Milford	D.C.	Child, Ralph Grassing	N.Y.
Chaplinsky, Leo Eugene Ph.B. 1942, Dickinson College	Pa.	A.B. 1941, Holstra College	
Chapman, Charles William	Va.	Challen, Donald Duff	Ill.
Chapman, David Graham	Ga.	Chen, Carl	D.C.
Chapman, George William	D.C.	Chen, Robert	D.C.
Chapman, James Elmer	D.C.	Chen, William	D.C.
Chapman, John Kenton	Mo.	A.B. 1943, American University	
Chapman, Julia Adel B.S. 1944, University of New Mexico	N.M.	Chen, Y. Aaron	D.C.
Chapman, Leonard Fielding, Jr. A.B. 1945, University of Florida	Fla.	Chapleton, Marvin	N.I.
Chapman, Lucy Marie A.B. 1940, State University of Iowa	D.C.	Cheslek, John Stephen	Va.
Chapman, Nelson Stockton	Md.	Chen, Morgan Alvin	D.C.
Chappell, Elizabeth M. Gaw	D.C.	Cheslik, Edward Baker	D.C.
Chapper, Frank Morris	D.C.	Chetters, Joe Daniel, Jr.	Va.
Charles, Arbelia Mae B.S. in Ed. 1944, Mary Washington College	Va.	Chetters, LeRoy Robert	Va.
Charrier, Jane Hurley	D.C.	Chetzk, Ivan Marion	W.Va.
Chase, Allan B.S.S. 1930, College of the City of New York	Va.	Chesnet, Marian Louise A.B. 1942, The George Washington University	D.C.
Chase, George	D.C.	Chesner, Robert Voltaire	D.C.
Chaskey, Bernard B.S. 1939, College of the City of New York	N.Y.	Chen, Marie Violet	Ohio
Chaston, Jacob B.S. 1930, College of the City of New York	D.C.	Chesley, John Marian	D.C.
Chastain, Dine Louise	D.C.	Chew, Bonnie	Pa.
Chatham, Elmer Albert	Va.	Chew, John	D.C.
Chatham, Elmore Ross	Tex.	Chesman, Melvin Lee	Iowa
Chatham, Marie Bradley	Va.	Chesman, Clarence Peter	Virgin Islands
		Chesman, John Warren	
		Chesman, Warren Alfred	
		Chesman, William Dean	D.C.

Christenson, Richard Malcolm	Pa	Clark, Eugene	D.C.
A.B. 1943, Bucknell University		Clark, Frances Evarts	D.C.
Christian, Jack Graham	D.C.	A.B. 1917, The George Washington University	Va.
Christiansen, William	Wis.	Clark, Francis J.	Ga.
Christie, Alexander Knox	D.C.	Clark, George Edgar	D.C.
B.S. 1940, New York University		Clark, George Edward, Jr.	
Christie, Alfred III	Md.	B.S. 1946, Virginia Polytechnic Institute	D.C.
A.B. 1939, LL.B. 1943, The George Washington University		Clark, George Henry	D.C.
Christie, Ruth	Ill.	Clark, George Louis	Va.
Christo, John Thomas	D.C.	Clark, George Ordway	Mass.
Christoph, Kathryn Helen	D.C.	Clark, Gordon Lovell	D.C.
Christopher, Lawrence Cornell	Va.	Clark, Harry Eugene	Univ.
Christopherson, Olaf Warren	Minn.	Clark, Homer H.	
A.B. 1946, The George Washington University		B.S. 1943, Brigham Young University	Ga.
Christovich, Charles George	Pa.	Clark, India	Ohio
Christovich, Stanley Martin	Pa.	Clark, James Price	Maine
Christy, Dolores Marie	Calif.	Clark, John M.	Md.
A.B. 1933, University of California		Clark, John Robert, Jr.	Ohio
Christy, Rita Mary	D.C.	Clark, Joseph James	
Chronis, Alexander	Pa.	B.S. 1917, United States Naval Academy	D.C.
Chu, Chung Jui	China	Clark, Judith Walker	Me.
B.S. in C.E. 1936, Teachers Engineering College, China		Clark, Julia C.	Fla.
D.I.C. 1939, University of London		Clark, Louise Cardwell	D.C.
Ph.D. 1944, Cornell University		Clark, Lyman Ernest	D.C.
Chu, Esme Yon-Yun	D.C.	Clark, Mardelle Lilly	Ill.
A.B. 1934, St. John's University		A.B. 1910, North Georgia College	
Chu, Kuang Che	China	Clark, Marjorie Ida	
A.B. 1937, Central Institute of Political Sciences		LL.B. 1945, The George Washington University	Md.
Chuba, Joseph Valentine	N.J.	Clark, Orpha Agnes	D.C.
Chubb, Louise	Mo.	B.S. 1941, University of Maryland	Ohio
A.B. 1943, Wellesley College		Clark, Patricia	
M.S. 1943, Washington College		Clark, Richard Martin	N.Y.
Chudzik, John Stephen	N.Y.	B.S. 1943, Kent State University	D.C.
Church, Abiah Adelbert	Fla.	Clark, Sidney B.	
Church, Frederick Lewis, Jr.	Va.	Clark, Victoria Chaapel	D.C.
B.S. 1943, American University		B.S. 1923, Columbia University	Colo.
Church, Jessica Peel	D.C.	Clark, William	Ga.
Church, John	Md.	Clark, William Arthur	Tenn.
Chwang, Juge	D.C.	Clark, William Bert	
Chyatte, Conrad	D.C.	Clark, William Carl	
Ciarrochi, Eli	Pa.	B.S. 1936, Cumberland University	
Cicatello, Michael	N.Y.	LL.B. 1943, The George Washington University	Md.
Cicoria, Mike Anthony	Ohio	Clark, William Giddings	N.D.
Cifelli, Armand	D.C.	Clark, William J.	Md.
Cigledy, Richard Steven	Va.	Clarke, Addison	D.C.
Cimokowski, Edwin William	Pa.	Clarke, Alva Byron	Va.
Cioffi, John Joseph	N.Y.	Clarke, Grant Leach	D.C.
Cisin, Pattsie Miller	Va.	Clarke, Isabel	D.C.
Citrenbaum, Bernard Francis	D.C.	Clarke, James Brent, Jr.	Pa.
Clancey, John Thomas	Md.	Clarke, John James	Me.
Clancy, Philip Christopher	D.C.	Clarke, Kenneth G.	Va.
Clapp, Alice Ruth B.	D.C.	Clarke, Laura Matilda	D.C.
Clapper, Dale J.	Pa.	Clarke, Leroy Franklin	D.C.
Clark, Allen Culling	D.C.	Clarke, Thomas McTyshe	D.C.
Clark, Anna MacFarlane	Fla.	Clatterbuck, Bryan C.	Puerto Rico
Clark, Anna Margaret	Md.	Clavell, Carlos, Jr.	D.C.
Clark, Belvia Elaine	Va.	Clawson, Peter Carroll	Ala.
A.B. 1946, The George Washington University		Clay, Edna Lyllian	
Clark, Bradley Linthicum	Md.	A.B. 1921, Tulane University of Louisiana	Me.
Clark, Charles Fulton	Tex.	Clay, George Williams	N.C.
A.B. 1940, The George Washington University		Clay, Ruby Jane	D.C.
Clark, Dean Warren	Wyo.	Claybrook, John Hanford	D.C.
Clark, Donald B.	Va.	Clayman, Betty Jean	
B.S. 1938, Wilmington College		A.B. 1946, The George Washington University	D.C.
A.M. 1939, University of Cincinnati		Clayton, Christopher Sudlow	D.C.
Clark, Donald Lewis	Va.	Clayton, Lawrence, Jr.	
Clark, Donald Roy	Nebr.		

Clayton, Sybella White	Mass.	Coe, Ruth H.	Ohio
Cleaver, Claudia Jones	Va.	Coelho, Maria Coeli Perdigao Baptista	D.C.
Cleaver, George Harris	Va.	Coelho, Maria Lilia Perdigao Baptista	D.C.
A.B. 1941, University of Cincinnati		Coffey, Charles Shelby, Jr.	Tenn.
Cleek, Given Wood	Va.	A.B. 1941, The George Washington University	
Clegg, Eleanor Standish	Va.	Coffey, Francis Marion, Jr.	Va.
Cleland, Peter	D.C.	Coffey, James Edward	Va.
Clement, Charles Bennett	D.C.	Coffin, Charles Franklin	Utah
Clement, George Kilgore, Jr.	Va.	Coffin, James Clyde	D.C.
Clements, Barbara	England	Coffman, Anne	Va.
Clements, James Frederick	D.C.	Coffman, Clara Lillian	Va.
Clemmer, Leonard Rubel	D.C.	Coffy, LeRoy Arthur	D.C.
Clemson, Charles Ryan	Pa.	Cogar, Claude Golden	D.C.
B.S. 1941, Pennsylvania State College		Coggeshall, Myrtle E.	Ill.
Clendenin, Lane Edwin	Calif.	Coggins, Mary Elizabeth	Pa.
Clerman, Paul Joseph	D.C.	Coggswell, Mary Frances	Va.
Clewon, Carl William	D.C.	Coggswell, Raymond Louis	D.C.
Clifford, Marvin Butler	D.C.	Cohen, Howard Warren	D.C.
Clift, Robert Morris	Tex.	Cohen, Albert Abraham	D.C.
Clifton, Ernest Ridley	D.C.	Cohen, Arthur Robert	N.Y.
Clifton, Guy Parker	Md.	Cohen, Doris Mae	D.C.
Climpson, Harley Ronald	Ill.	Cohen, Elizabeth Belle	Mass.
LL.B. 1940, Washington College of Law		Cohen, Ernest Samuel	Va.
Cline, Bernard Gibson	Va.	B.C.E. 1917, College of the City of New York	
A.B. 1942, University of Richmond		Cohen, Frances Virginia	D.C.
Cline, Julian A.	Va.	Cohen, George Joel	D.C.
Cline, Richard	D.C.	Cohen, Harry	N.Y.
Clinkston, Philip	Mich.	Cohen, Henrietta	D.C.
B.S. 1942, University of Michigan		Cohen, Henrietta Mildred	D.C.
Chey, Arthur Rutland, Jr.	D.C.	B.S. 1946, College of William and Mary	
Choe, Edward, Jr.	D.C.	Cohen, Herbert	N.Y.
Choe, Nona	D.C.	Cohen, Howard Martin	N.Y.
Choe, Franklin John	N.J.	Cohen, Hyman Lewis	D.C.
Choe, Vivian Louise	D.C.	Cohen, Ira Getson	Va.
Chosser, David John	Va.	Cohen, Jack	N.Y.
Chostet, Rita Gertrude	D.C.	Cohen, Joseph	N.Y.
Crow, Bessie Alice	Ill.	A.B. 1946, New York University	
Crower, Eileen Marie	Ohio	Cohen, June Rae	D.C.
Coale, Allen Roberts	D.C.	B.S. 1945, The George Washington University	
Coalson, Thomas Forrest	Va.	Cohen, Lawrence	N.J.
Coates, Frances Elizabeth	Va.	Cohen, Lillian Minnie	D.C.
Coates, Gladys Buchhorn	Tex.	Cohen, Morlom Wenia	D.C.
Coates, Robert Jay	Mich.	Cohen, Morris	Pa.
Coats, Frances Lee	Ga.	Cohen, Morris	
B.S. in Ed. 1940, Georgia State College for Women		A.B. 1939, University of Pennsylvania	
Cobb, Gloria Anne	Mo.	A.M. 1941, Pennsylvania State College	
Cobb, Joseph Daniel	D.C.	Cohen, Murray Harold	N.Y.
Cobb, Mary Laurie	Va.	Cohen, Norman	D.C.
Cobb, Thomas Lambert	Mont.	Cohen, Richard Edward	Md.
A.B. 1941, A.M. 1948, The George Washington University	W Va.	Cohen, Robert Bernard	Pa.
Cochran, William H. Hsman	Mont.	Cohen, Rose Naomi	D.C.
Cochran, Byron McClain	D.C.	Cohen, Samuel E.	D.C.
B.S. 1941, Pennsylvania State Teachers College, Westchester		Cohen, Sand Benjamin	D.C.
Cochran, Dean Farrington	Va.	Cohen, Sheldon Stanley	N.Y.
Cochran, Hewitt	D.C.	Cohen, Sol	D.C.
A.B. 1948, Yale University		Cohen, Sylvia	Md.
Cochran, James Wilson	Md.	Cohen, Vivian Alice	D.C.
Cochrane, Calvin Wood	N.Y.	Cohen, William	D.C.
A.B. 1928, New York State College for Teachers		Cohen, William	
Cochrane, Horriet May	D.C.	A.B. 1930, Brooklyn College	D.C.
Cockell, William Arthur	Calif.	Cohn, Bernard	Conn.
Cockrell, Edward Walter	Md.	Cohn, Joseph Robert	N.Y.
Cockrell, Lullis Walker	Fla.	Cohn, Marvin Howard	
Cockroft, Phyllis Kathryn Capwell	Va.	B.S. 1942, College of the City of New York	
Cody, Peggy Lou	Md.	Cohn, Sylvia	D.C.
Coe, Conway Peyton, Jr.	D.C.	Cohne, E. Lynn	Utah
Coe, Edward Harold, Jr.	Va.	A.B. 1944, University of Southern California	

Coil, Emory Alfred	Ohio	Collier, William Lee	Va.
Coimer, Julia Edith	D.C.	Collins, Charles Ernest	D.C.
B.S. 1944, Wilson Teachers College		Collins, Mary Louise	Va.
Coimer, Mildred Edith	D.C.	Collins, Burns Theodore, Jr.	Pa.
Coke, Harriette Eloise	D.C.	Collins, Floyd Osborne, Jr.	D.C.
Cokely, Miriam Winifred	Pa.	Collins, Garner Lawcett	D.C.
A.B. 1935, Seton Hill College		Collins, George Harwood	
A.M. 1941, University of Pittsburgh		A.B. 1946, The George Washington	
Cokenias, Nicholas Trephon	D.C.	University	D.C.
A.B. 1941, The George Washington		Collins, Joseph	Va.
University		Combs, Mary Louise	
Coker, James Darden	Tenn.	A.B. 1928, Wesleyan College	Kent.
Coker, Joseph Daniel	S.C.	A.M. 1926, Northwestern University	
A.B. 1935, A.M. 1937, The George		Collins, Percy Henry	Va.
Washington University		B.S. 1941, University of Kansas	D.C.
Coker, Robert Harry	N.J.	Collins, Roy E., Jr.	Pa.
Colangelo, Bernard	D.C.	Collins, Ruth M.	D.C.
Colantonio, Ernesto	Mass.	Collins, Samuel James	Fla.
A.B. 1946, Northeastern University		Collins, William Royston	N.Y.
Colbert, Richard Gary	N.Y.	Collins, William Timothy	D.C.
B.S. 1947, United States Naval		Collins, Wilma Jean	D.C.
Academy		Colman, Emanuel Maurice	
Colbert, Robert Chester	Pa.	B.S. 1935, A.M. 1940, The George	
Colburn, Paul Appleby	Md.	Washington University	D.C.
Colburn, Ivan Bradley	D.C.	Colmetz, Evelyn Ann	Va.
Colburn, Jean Elizabeth	D.C.	Colony, David Carl	D.C.
Colburn, Katherine Stewart	Va.	Colony, Selma Jane	Va.
Colby, Royce Virgil	Minn.	Colson, James Byron	Va.
Cole, Charles Herbert	D.C.	Colter, Raymond M.	Calif.
Cole, Charles Vernon	Iowa	Colton, Edith Lorene	N.Y.
Cole, Grace	Ohio	Colville, Robert Allen	Wash.
Cole, Harold Benton	Va.	Colvin, Harold Bradford	
Cole, Kenneth McCutcheon, Jr.	Tex.	Colvin, Ralph Westmore	
B.S. 1944, Georgia School of Tech-		Colwell, Margaret Matilda	
nology		Combe, William Anderson	
Cole, Margaret Sexton	D.C.	Comby, William Joe	Md.
Cole, Mary Louise	D.C.	Comer, Irene P.	
B.S. 1946, Bob Jones College		A.B. 1928, Marywood College	Canada
Cole, Ralph John	Pa.	Comer, Walter Horace	Ma.
Cole, Raymond Thomas	Mont.	Compher, Paul Richard	Va.
Cole, Walter Harvey, Jr.	D.C.	Compton, Charlotte	D.C.
Cole, Wesley Stevenson	Md.	Compton, Marion Lee	D.C.
M.E. 1942, Stevens Institute of		Compton, Milton Edwin, Jr.	Va.
Technology		Compton, Minnie Charlotte	D.C.
Cole, William	Tex.	Compton, Sadie Frances	D.C.
B.S. 1945, University of Texas		Compton, Wilburn Robert	Puerto Rico
Coleman, Beverly Mosby	Va.	Comulada, Gloria Marie	
L.I.B. 1928, The George Washington		B.S. 1945, Mary Washington College	D.C.
University		Conant, Robert Charlton	D.C.
Coleman, Carl Shaughnessy	Mass.	Condee, Bonnie Lovell	D.C.
Coleman, Earl Edson	N.Y.	Condelario, Richard Paul	N.Y.
Coleman, Frederick William	D.C.	B.S. 1937, University of Kansas	
B.S. 1943, United States Military		Condon, Joseph Francis	N.J.
Academy		A.B. 1940, St. Joseph's College	Va.
Coleman, Juliet Cox	D.C.	Condon, Leon Judah	
Coleman, Robert Francis	D.C.	Condray, Cordelia Tonproy	Tex.
Coleman, Robert William, Sr.	Va.	A.B. 1945, Ousichita College	N.Y.
Coleman, Thomas Joseph	D.C.	Condrey, John Francis	D.C.
Collet, William Anderson	Mo.	Condrey, Eugene Anthony	Va.
A.B. 1946, Westminster College		Condrey, Magdalene Santell	Va.
Collett, Charles Ellsworth	Minn.	Conklin, Charles Robert	D.C.
Collett, James Dohleman	Va.	Conklin, Helen Hope	
B.S. 1942, United States Naval		Conklin, Mildred Antoinette	
Academy		A.B. 1930, The George Washington	Va.
Colley, Doris Augusta	Va.	University	D.C.
B.S. 1945, University of Richmond		Conklin, Thomas Lynn	Ky.
Collier, Charles Brigaw	Va.	Conlev, Kenneth Alvin	
Collier, Chester Winthrop	Conn.	Conley, William Harold	
B.S. 1939, Trinity College		A.B. 1936, L.L.B. 1938, University	D.C.
Collier, Chris Tom	Ohio	of Kentucky	Calif.
Collier, Mabel Louise	Va.	Conlon, John Francis	N.Y.
Collier, Thomas Watts	D.C.	Conlon, William Paul	
Collier, William Edward	D.C.	Conmee, Isabelle Edward	

Cann, Richard John Hugh B.S. 1930, United States Naval Academy	Iowa	Cooke, Thomas Blackhall A.B. 1938, College of William and Mary	N.C.
Cannell, John Gibbs, Jr. Cannell, Edward Charles Cannell, John LaVerne Cannell, John Paul Cannell, Ray Russell B.S. 1939, United States Naval Academy	Va. Mass. D.C. D.C. Va.	A.B. (Arch.) 1938, The George Washington University Cookeley, William Fairbridge Cookeley, Herbert L. B.S. 1926, M.S. 1940, University of Massachusetts	D.C. Va. D.C.
Cannell, Tulip Cannally, Anne Marie A.B. 1938, Hunter College Cannally, John Stoddard, Jr. Cannally, Patrick James Cannery, Audrey Marie Cannery, John Cecil A.B. 1941, South Dakota State Col- lege of Agriculture and Mechan- ics Arts	Mass. Md. N.Y. N.Y. D.C. Calif.	Cooksey, Florence A. A.B. 1923, A.M. 1924, University of Rochester Cooksley, Joseph William Cooksey, Sylvia Catherine Cooksey, Horatia Davis Cooksey, Robert Hayes Cooksey, Douglas Cooksey, Mary Elizabeth Cooksey, Dante Hilda Cooksey, Betty Cooksey, Cecil Cooksey, Charles David Cooksey, Earl Dana Cooksey, Ernest Edward Cooksey, George Huneas Cooksey, Grace M. Cooksey, Joseph Jerry Cooksey, Leonard Frederick Cooksey, Lloyd Franklin Cooksey, Mary Virginia Cooksey, Paul Allen Cooksey, Paul David B.S. 1936, Western Maryland College M.F.A. 1943, University of Maryland	D.C. D.C. N.C. D.C. N.Y. D.C. D.C. Pa. D.C. Va. D.C. N.Y. Mich. Md. N.J. Va. Calif. D.C. Md.
Cannery, Joseph Daniel Cannery, Elizabeth Wells A.B. 1946, The George Washington University Cannery, James Calvin Cannery, Thomas Carle Cannery, Elaine Virginia Cannery, James Francis Cannery, Thomas Robert A.B. 1941, M.S. 1943, Syracuse University Cannery, Margaret Anita Cannery, David Cannery, J. C. A.B. 1941, Colver Stockton College Cannery, J. Charles Cannery, Carl Conrad Cannery, Charles Daniel II Cannery, Clifford Taylor Cannery, Emmett Gaddis Cannery, Margaret Mary A.B. 1941, Marywood College Cannery, Theodore John B.S. 1933, United States Military Academy	D.C. Va. Va. Va. D.C. N.Y. N.Y. Mass. N.Y. Va. Pa. D.C. D.C. D.C. Va. D.C. D.C. Calif.	Cooke, Ralph Howard Cooke, Roger Bonata Cooke, Stephen Cooke, Thomas Schane Cooke, Wallace Theodore Cooke, Wesley William Cooke, William Cooke, William Hurlbert A.B. 1947, Western Reserve University Cooke, Bert and Robert Cope, Harland Burleigh A.B. 1946, University of Kansas Cope, Nancy Fitzgerald Cope, Barbara Ann Cope, John Anne Coppens, Taylor Bevell Corbais, James Joseph, Jr. B.C.E. 1940, Manhattan College Corbett, Francis Martin Corbin, James Lee Corbett, Dean Hamlin Cortran, Daniel James L.L.B. 1935, University of Wash- ington	Mass. Ohio Ohio D.C. D.C. D.C. N.Y. Ohio D.C. Kans. Pa. D.C. Va. D.C. Va. D.C. D.C. D.C. Mo. D.C. D.C. D.C. Mo. D.C. D.C. D.C. D.C. D.C. Idaho
Cannery, Lillian Cannery, Charles Barrie B.S. 1946, Hampden-Sydney College Cannery, Charles Francis Cannery, Edward Joseph Cannery, Elizabeth Tarver Cannery, Eva Charlotte A.B. 1938, Western Maryland College Cannery, Frances Rowena Cannery, George Farnham, Jr. Cannery, Isadore Cannery, John Dale Cannery, Joseph Benjamin Cannery, Leland Augustus Cannery, Marie Louise Cannery, Marion Francis Cannery, Myron Clifford Cannery, Roy Vernon Cannery, Walter M. Queer Cannery, William Thomas Cannery, Edward Andrew Cannery, Emmett Marian, Jr. Cannery, John James Cannery, Mary Lee A.B. 1944, University of Michigan Cannery, Peter Stanfield Cannery, Robert George	Ga. Va. Va. Va. Fla. Md. Ark. Va. N.Y. Pa. Utah Va. D.C. Md. Va. Ala. D.C. D.C. Tex. D.C. Mich. N.I. Va.	Corcoran, John Francis Corcoran, Lavonne D. Corcoran, Robert Gene Correll, James Robert Corder, Isabelle D. Corder, Rhy Lee Corder, Pedro Manrique Corder, Eugene Richard Corder, Rose A.B. 1946, The George Washington University Corkery, Dorothy Katherine Corkery, John Daniel B.E.F. 1930, Ohio State University Corliss, Earl, Jr.	Mass. N.Y. Calif. D.C. Nebr. D.C. D.C. D.C. Idaho Va. Va. Okla.

Cornelius, Albert Meent	Nebr.	Cowherd, Bryan Neo	Ky
Cornell, Lacy Paul	D.C.	Cowie, Franklin Garrett, Jr.	Va.
Cornett, Sanford Heyck	Tex.	Cowles, Calvin David	Ind.
Cornish, George Harlan	N.Y.	B.S. 1946, University of Utah	Va.
A.B. 1933, A.M. 1939, Cornell University		Cowne, Suzanne	
Cornish, John Henry	D.C.	B.S. 1942, Madison College	Pa.
A.B. 1937, Southwestern College		Cox, Chester Elwood, Jr.	Pa.
Cornthwaite, Charles Edward	Iowa	Cox, Donald Gilmer	Pa.
Corrado, Michael Anthony	D.C.	Cox, Frances Mary	Pa.
Corrado, Rosalie Celeste	D.C.	Cox, George Joseph	Pa.
Correll, Paul Edwin	Va.	Cox, Henry Beverly	
Corridon, Geraldine Antoinette	D.G.	A.B. 1938, Haverford College	
A.B. 1936, Syracuse University		A.M. 1940, University of Pennsylvania	S.C.
Corso, Victor	D.C.	Cox, Herman Elmer	N.M.
A.B. 1941, Queens College		Cox, Lewis Calvin	Mass.
Corson, Glenna H.	Maine	Cox, Mary Winifred	
A.B. 1944, The George Washington University		A.B. 1940, The George Washington University	
Cortez, Ezekiel Casimiro, Jr.	N.M.	Cox, Omer Loraine	Mass.
A.B. 1943, New Mexico State Teachers College		Cox, Sidney	D.C.
Cosgrove, John Patrick	D.C.	Cox, Thomas Andrew, Jr.	D.C.
Cosgrove, Thomas Edward	D.C.	Cox, Tidie L.	Pa.
Cosman, Alvin	D.C.	Cox, Wallace Keith	Va.
Costa, Costa John	N.Y.	Cox, William Ashe	Pa.
Costa, Sergio Correa	D.C.	Cox, William Jackson	Pa.
Costakis, Ann	D.C.	Cox, Lewis Crocker	
Costanzo, Frank John	Conn.	B.S. 1934, United States Naval Academy	
Coste, Ann Mary	D.C.	B.C.E. 1910, M.C.E., 1939, Rensselaer Polytechnic Institute	Pa.
Costello, Bartley Alexander	Maine	Coy, Henry John	Mass.
Costello, Eugene Aloysius	D.C.	Coyle, James Joseph	Pa.
Costello, Lula Mae	Va.	Coyle, Kathryn Rosamond	
Costello, Richard Edward	Calif.	A.B. 1935, Emmanuel College	
LL.B. 1934, University of California		B.Ed. 1936, Rhode Island College of Education	Calif.
Coster, Howard Littleton	D.C.	Coyne, John Thomas	
Costillo, Jose Maria	Nicaragua	A.B. 1944, The George Washington University	Mass.
Cottini, Martin S., Jr.	Ill.	Coyne, Michael Francis	N.Y.
Cotton, Martha	Colo.	Craft, John Howard	Va.
Cottrell, Robert Charles	Tex.	Cradlin, James Nelson	Pa.
Cottrell, Sylvia	Mich.	Craft, Alva Marion	Pa.
Couey, Ralph Darrell		Craft, Charles Corbin	
B.S. 1946, Michigan State College	Mo.	B.S. 1941, The George Washington University	N.Y.
Coughlin, Jack Edward	D.C.	Crafton, Paul Arthur	
Coughill, Clarence Edward	D.C.	B.M.E. 1944, College of the City of New York	D.C.
Coulombe, Eleanor Jones	D.C.	Cragoe, John Henry	Conn.
Coulombe, Raymond Armond	D.C.	Craig, Alan Ward	D.C.
Coult, May	N.H.	Craig, Anastasis Savage	Va.
Council, James Raymond	D.C.	Craig, Owen Richardson	Tenn.
Cound, Jola Lattie	D.C.	Craig, George Arthur	
Coupe, Augustine Joseph	D.C.	Craig, Gladys Goodman	
A.B. 1942, Catholic University of America		A.B. 1928, Madison College	
Couper, William Paul	D.C.	A.M. 1942, George Peabody College for Teachers	Va.
Courchesne, Dorothy Joyce Beall	Va.	Craig, Helen Knox	Pa.
LL.B. 1922, A.B. 1928, The George Washington University		A.B. 1936, Ohio State University	Tenn.
Coutembis, Louis	D.C.	Craig, Neil	Pa.
Courey, Adele Marie	Conn.	Craig, Willa Maxine	
Courie, Victor Alexander	D.C.	Cranfill, Robert Rutherford	D.C.
Courson, Herman Lavern	Tex.	B.S. 1940, United States Naval Academy	Va.
Courtenay, Lucy Beatrice	D.C.	Crain, Beldon L.	Va.
Courtney, John Calhoun	Tex.	Crain, Ralph Wendell	D.C.
Courtney, Marcia Ellen	Wis.	Cralle, Helen Jenkins	N.Y.
A.B. 1942, University of Wisconsin		A.B. 1924, Smith College	Pa.
Courtney, Robert Lawrence	D.C.	Cram, Lillian Ellsworth	D.C.
Courtright, Ann	Ala.	Cramer, Jack Van Wyck	Va.
Courtright, John Anthony	Ill.	Crammond, James Darwin	
Couser, Christian Rewoldt	Conn.	Crandall, Arnaly Marshall	
Coutlakis, Emanuel James	N.C.		
Covell, Betty Vernon	D.C.		
Coviello, Marcel Anthony	D.C.		
Cowell, Charles Ellwood, Jr.	Pa.		

Grandell, William Palmer	Md.	Crosby, Herbert Lee	Iowa
Crane, Esther Sibyl	N.M.	Crosby, Kenneth Ward	Ohio
Crane, James Fifield	D.C.	B.S. in Ed. 1939, Wilmington College	
B.S. 1944, Harvard University		A.M. 1940, Haverford College	
Crane, Joan Nancy	Va.	Crosley, Margaret Jane	Md.
Crane, Mary Lois	D.C.	Cross, Calvin George	Mass.
Cranford, John Ringer	D.C.	Cross, Carville Joseph	D.C.
Crankshaw, Harold George	D.C.	Cross, Charles William	N.C.
B.S. 1928, Carnegie Institute of Technology		Cross, George Joseph	D.C.
A.M. 1932, Cornell University		Cross, Margaret Johns	D.C.
Cramer, Sarah Abigail	N.J.	A.B. 1918, University of Illinois	
Cratty, Thomas Dodds	Pa.	Cross, Virginia Lee	Va.
Cravens, John Joe	Ark.	Crossen, Gail Walden, Jr.	D.C.
Craver, Walter Jensen	Va.	Crosswhite, Clyde Clair	Kans.
Craver, Doris Elizabeth	Va.	A.B. 1940, Municipal University of Wichita	
Cravette, Alice Marie	D.C.	Crosswhite, Virginia Yvonne	Kans.
Crawford, Clifford Theodore	D.C.	A.B. 1943, Municipal University of Wichita	
Crawford, Florence Morrison	D.C.	Croswell, Harry Bennett	D.C.
Crawford, Frank Simmons	W.Va.	Crouch, Hassell Wilkinson	Md.
B.S. 1936, Virginia Polytechnic Institute		Croud, Patricia Ann	Md.
Crawford, Gordon Paul	Va.	Crouse, Paul James	Md.
Crawford, James Tracy	Va.	Crowell, Esther Hannah	D.C.
Crawford, Marian Case	D.C.	Crowell, Jack	Md.
Crawford, Sadi Stroneider	D.C.	Crowley, Carl Allen	Va.
B.S. 1924, Ohio State University		Crowley, Edwin Daniel	D.C.
A.B. 1942, The George Washington University		B.S. in F.S. 1943, Georgetown University	
Crawford, William James	D.C.	Crowley, Francis Xavier	D.C.
Creal, Jimmy Brent	Va.	Crowley, James Worthington	Tenn.
Creedon, Joseph Cornelius	Pa.	Crowley, Thomas M. J.	N.Y.
Creegan, Mary G.	D.C.	Crown, Mark Elman	Va.
Creekmore, Joseph W.	Va.	Crowther, Kent Horace	Va.
Creekmore, Thomas Lee	Va.	Croxson, Harry Winburn	Ark.
Crel, Phyllis Ann	D.C.	A.B. 1941, University of Richmond	
Cremie, Anthony Rido	Md.	Cruck, Merle Edward	D.C.
Cremie, William Starr	Va.	Cruget, Dorothy	D.C.
Cremson, Robert Williamson	D.C.	Cruget, Flossie Genevieve	D.C.
Creswell, Walter Franklin, Jr.	Miss.	Cruikshanks, Benjamin C., Jr.	D.C.
A.B. 1945, University of Mississippi		Crum, Sam Brundage	D.C.
Creswell, Robert Wakefield	D.C.	Crummett, Harvey Bernard	W.Va.
Cresson, Etta Violet	Mass.	Crump, George Aubrey, Jr.	Va.
Crews, William Penn	D.C.	Crumpler, Roland	N.C.
Crews, Florence Thomas	D.C.	Crupper, Joseph Lee III	D.C.
Crews, Frederick Donovan	D.C.	Crutchfield, James Ralph, Jr.	D.C.
Croft, Thomas Botts, Jr.	D.C.	Crystal, Frances Itale	N.J.
Croft, Bernice Grimes	D.C.	Cubatt, Donald Wilson	Md.
Croft, Betty Jane	Va.	Cudlipp, Irene M.	Md.
Croft, Hugh Samuel	Mich.	B.S. 1926, Johns Hopkins University	
B.S. Ed. 1945, University of Michigan		A.M. 1946, Columbia University	
Crope, Edna Virginia	Tenn.	Culbertson, Reaves	Md.
Crosland, James Edward	D.C.	Cullen, Frank H.	D.C.
Croft, William Earl	Ohio	Cullen, Lucille S.	Pa.
Croft, William Layton	D.C.	Cullen, Marie Agnes	N.H.
Croft, Betty Rose	D.C.	Cullen, Paul Joseph	Ohio
Croft, Merle Edward	D.C.	Cullina, Joseph Charles	D.C.
Crocker, Albert Rudolph	Md.	A.B. 1944, Catholic University of America	
B.S. in M.E. 1936, M.S. 1937, New York University		Culp, Theodore Francis	D.C.
Croft, George Washington	D.C.	Culpepper, Harrie Hoff	Ga.
Croft, Lillian	Ga.	Culpepper, Sarah Virginia	Va.
Croft, Bette Jane	Pa.	A.B. 1944, Women's College of the University of North Carolina	
Croft, Barbara K.	Conn.	Culver, Ralph J.	D.C.
Croft, Curtis Griswold	Va.	A.B. 1941, University of Maryland	
Croft, Anna Marie	Va.	Culver, William Bruce	Pa.
Crowell, Roy Dobson, Jr.	D.C.	Cumbee, Bertha Edna	Iowa
B.S. 1944, University of Maryland		Cumbee, Harold Ralph	Ky.
Croft, Herman Thomas	D.C.	Cummings, Eileen Jane	D.C.
Croft, Deane Vincent	Minn.	Cummings, James Robert	Iowa
Croft, Malcolm Phelps	D.C.	Cummings, Lilla Bert	Pa.
Croft, Harry Ward, Jr.	Pa.	Cummings, Samuel	D.C.
Croft, Elizabeth Burgess	Va.		

- Cummins, David Ervin Md.
 Cummins, Marion Taylor D.C.
 Cummins, William Edwin D.C.
 B.S. 1940, Webb Institute of Naval
 Architecture
 Cundill, Charles Reed D.C.
 B.S. 1936, The George Washington
 University
 Cunin, Ruth Rosett D.C.
 A.B. 1934, The George Washington
 University
 Cunningham, Bradley Calif.
 Cunningham, Edith Virginia Mass.
 Cunningham, Grace Fausel Md.
 Cunningham, William Poling Va.
 Cuno, Anne Payson D.C.
 Curley, William H. Ala.
 Curran, Edith Beatrice Va.
 Cursey, Martha Marie Calif.
 Currie, Shelby Mitchell, Jr. Va.
 Currier, Wade Richardson D.C.
 Currin, John Langford N.C.
 Curry, Arl Va.
 Curry, Bryce Quentin D.C.
 Curry, Stowers Leigh Va.
 Curtin, Edmund D.C.
 Curtin, Paul Keller Conn.
 Curtis, Charles Edward Md.
 Curtis, Clyde Phillips Va.
 Curtis, Floyd John Calif.
 Curtis, James LeRoy Wis.
 Curtis, Jean Gilmore Md.
 Curtis, Kenneth Edward D.C.
 Curtis, Lyle S. Md.
 Curtis, Robert Franklin N.H.
 Curtis, Wayne Stanley Nebr.
 Curtiss, Jeanne D.C.
 Custard, Robert Franklin Va.
 Custer, Benjamin Scott Md.
 Cutler, Charles Russell Ala.
 B.S. 1945, California Institute of
 Technology
 Cutler, Fred D.C.
 B.S.S. 1943, College of the City of
 New York
 Cutler, Gloria D.C.
 Cutright, Henrietta June Va.
 Cutruff, Juliette K. Ga.
 A.B. 1947, The George Washington
 University
 Cutting, Mabelle Frances D.C.
 Czajkowski, Norman N.Y.
- D
- Dagg, Charles Patrick D.C.
 Daggitt, Elizabeth Middleton Va.
 Dahl, Henry Albert Ill.
 B.S. 1943, University of Minnesota
 Dahlgren, Elfrieda Grace D.C.
 Daigle, William Alpheo Minn.
 Dail, Celia Blanche D.C.
 Dailey, Catherine Bernice Conn.
 Dailey, Jesse Oswald Ky.
 Dailey, Robert Eagle W.Va.
 Daily, Henry Richmond N.J.
 A.B. 1940, American University
 Daines, Newel George, Jr. Utah
 Daisley, Gordon Walford, Jr. Md.
 A.B. 1946, Dartmouth College
 Daken, Virginia Lee W.Va.
 Daland, Jane Converse D.C.
 Dallachiesa, Albert Fortunato Va.
 Dallager, Clarence Wayne Iowa
- Dallas, John Taylor
 Dalbey, Donald Leslie
 Dastmeyer, Santa Ford
 Dastmeyer, Henry Monroe
 Dastmeyer, Charles Edward
 Dalton, Martin Frank
 Dalton, Rea Elizabeth
 Dalton, Thomas James
 Dalton, Virginia Lee
 B.S. 1941, Wilson Teachers College
 Dalton, William Edwin
 Daly, Elizabeth Teresa
 Daly, John Joseph
 Daly, Madeleine Mulqueen
 A.B. 1942, A.M. 1943, Bryn Mawr
 College
 Daly, Marjorie Mary
 Daly, Richard Francis
 Daly, Robert Edward
 Daly, William Charles
 Dalzell, Harry Blackburn
 Damast, Martin Alan
 Dameron, Carlton Sherwood
 Dameron, Leslie Yates, Jr.
 D'Amico, Albert J.
 Damon, John
 Dameron, Charlotte Moor
 A.B. 1940, Wellesley College
 M.S. 1942, Rutgers University
 Danch, Virginia Mae
 Dancy, Allen Joseph
 Dancy, Norman Louis
 Dane, Genevieve O'Leary
 Danforth, Robert Compton
 Daniel, Bernard H.
 A.B. 1911, Ouachita College
 Daniel, Mary F.
 Daniel, Robert Herman
 Daniel, Virgil
 Daniels, Alice Campbell
 Daniels, Marjorie Eugene
 A.B. 1945, University of Arizona
 Daniels, Maynard Preston, Jr.
 Daniels, Richard Allen
 Daniels, Richard Gauntlett
 Daniels, Royce Longworth
 Daniels, Walter Melvin
 Danilson, John
 Danko, Michael Nicholas
 Dannemiller, Robert Edward
 Danowski, Anthony Joseph
 Dantas, Anceia Marath
 Danze, Solomon Albert
 D'Arzoz, Louis Robert
 Dargan, Lucas McIntosh
 B.S.F. 1948, Utah State Agricultural
 College
 Darling, Mary Elizabeth
 Darmbrav, Joseph Edward
 Darmstadter, Henry
 Darmstadter, Joel
 Darr, Hope
 B.S. 1946, Northwestern University
 Darr, John Henry
 Darrow, Bruno John, Jr.
 Darrow, Dan Kellogg
 Darrow, George Ivan
 Darrow, George McMillan, Jr.
 Darrow, Wilson Lee
 Darsch, Earl Clement
 A.B. 1942, Western Maryland College

Students Registered

363

Darter, Oscar Haddon	Va.	Davis, Gordon	Va.
A.B. 1922, East Central State College		Davis, Grace Ann	Va.
A.M. 1926, Columbia University		Davis, Helen LeRoy	N.Y.
Danzel, Robert Herbert	Va.	Davis, Hope D.	D.C.
B.S. 1939, United States Naval Academy		Davis, Jane Anna	Va.
Datta, Gerald Alex	D.C.	Davis, Louise Ellen	D.C.
Daubanton, Conrad Jacques	D.C.	Davis, Jean Lanette	D.C.
Dauer, Maxwell	D.C.	Davis, Jewell Ann	D.C.
A.B. 1945, M.S. 1937, New York University		Davis, John Mason	Fla.
Dawson, Floyd Norton	D.C.	B.S. 1940, University of Illinois	
Dawson, Robert Murray	Pa.	Davis, John Oliver	Tex.
Dawson, William Edward	D.C.	Davis, John Talbott	Tex.
Dawson, John Hobson	Va.	Davis, Joseph Howe	D.C.
Dawson, Milton Monroe	Va.	Davis, Joseph Mattain	D.C.
Dawson, Roy Milton	Md.	Davis, Joseph Reid, Jr.	Tex.
B.S. 1941, United States Naval Academy		Davis, Judith Lewis	Va.
Davis, William Francis	N.Y.	Davis, Lester Phillip	Oreg.
Davis, Henry	Md.	Davis, Margaret Josephine	Md.
Davis, Jeanette Ruth	Ill.	B.S. 1929, College of Mount St. Vincent	
Davis, Maurice Allen	Ind.	A.M. 1943, Columbia University	
Davis, Moyca Cathlyn	Ariz.	Davis, Martin Louis	D.C.
A.B. 1941, Mills College		Davis, Mary	D.C.
Davis, Ralph Rogers	Calif.	Davis, Mary Elizabeth	Fla.
B.S. 1948, University of California		Davis, Mary Jane Scott	D.C.
Dawson, Barbara Louise	D.C.	Davis, Mimi Cherry	D.C.
Dawson, Delmar Raymond	Pa.	Davis, Paul Lee	D.C.
Dawson, Dorothy	Va.	Davis, Pauline Gish	D.C.
Dawson, Frank Joseph	Va.	Davis, Phyllis Rita	D.C.
Dawson, Herbert Donald	D.C.	Davis, Polly Ann	Tenn.
Dawson, James Campbell	Mo.	Davis, Ray Jay	Va.
A.B. 1945, William Jewell College		Davis, Raymond Arthur	Ohio
Dave, Marshall C., Jr.	Ala.	Davis, Richard Nathan	Va.
B.S. in E.E. 1943, Georgia School of Technology		Davis, Robert Clifford	D.C.
Davis, Edith Maurice	D.C.	Davis, Robert Norman	D.C.
Davis, Edward Earl	Okla.	A.B. 1946, University of North Carolina	
Davis, Sally Quinn	D.C.	Davis, Roy Tasco, Jr.	D.C.
A.B. 1939, Wayne University		A.B. 1947, University of Missouri	Pa.
Davis, Alvin Thortonwall	D.C.	Davis, Sadie Jane	
Davis, Albert Paul	D.C.	B.S. 1947, Polytechnic Institute of Brooklyn	
Davis, Annette Lucile	D.C.	M.S. 1941, New York University	Pa.
Davis, Barbara Jean	Fla.	Davis, Spear John	D.C.
Davis, Burton Victor	Va.	Davis, Stanley Harold	D.C.
Cathryn Riggelman	Fla.	Davis, Thomas McLellan	D.C.
A.B. 1944, The George Washington University		Davis, Thomas Walker	Mch.
Davis, Charles Albert	D.C.	Davis, Vivian Elizabeth	D.C.
Davis, Clifford, Jr.	Tenn.	Davis, Wayne Beverly	D.C.
Davis, Dale Miller	Tex.	Dawson, Clarke	N.Y.
Davis, David Stanley	D.C.	Dawson, Monte	D.C.
Davis, Donald Bull	D.C.	Dawson, Edward Patrick	D.C.
Davis, Donald Vernoy	Pa.	Dawley, Edna Louise	D.C.
Davis, Donald Preston	S.C.	A.B. 1945, Vassar College	D.C.
A.B. 1945, University of South Carolina		Dawson, Edward Billoch	
Davis, Dorothy Arlene	D.C.	A.B. 1946, Princeton University	D.C.
Davis, Dudley Brison, Jr.	Va.	Dawson, Howard Atholane	
B.S. 1948, North Texas State Teachers College		B.S. 1947, University of North Carolina	
Davis, Edwin Lanier	D.C.	Dawson, James Alfred	Va.
Davis, Elton D.	N.I.	Dawson, Margaret	Ind.
Davis, Esther Packman	Pa.	Dawson, Ned Kent	W.Va.
B.S. 1944, University of Pennsylvania		Dawson, Roger Ralph	Mont.
Davis, Evelyn Smalling	Va.	Dawson, Rosellin Louise	D.C.
Davis, Fred Wilson	W.Va.	Day, Ann	D.C.
A.B. 1948, Marshall College		Day, Calvin Woodward	Conn.
Davis, George Alfred, Jr.	Md.	Day, Carl West	N.C.
Davis, George Barker	D.C.	Day, Ernest Herbert	Ohio
Davis, George Lee	Va.	A.B. 1941, Oberlin College	
		Day, James Lloyd, Jr.	Tenn.
		Day, Kermit W.	Md.
		Day, Mary Frank	Tex.
		Deadwyler, Carl Morris	Va.

Dean, Bettyann	D.C.	Delaney, Thomas Patrick	Most Md.
Dean, Dorothy Louise	Va.	Delano, Willard Alfred	
Dean, Gertrude Mary	Va.	B.S. 1940, Wilson Teachers College	Ohio
Dean, Gunga Lee	Md.	M.Ed. 1941, University of Buffalo	D.C.
Dean, John Joseph	D.C.	DeLashmuth, Robert Eugene	D.C.
A.B. 1941, The George Washington University		DeLasos, Lewis	D.C.
Dean, Mary Kendrick	D.C.	Deleaux, Maryse Helen	D.C.
Dean, Willis Calvin	Va.	DeGrosso, Peter Albert	Va.
Deane, John Breed	N.Y.	Delavannas, Penelope John	D.C.
B.S. 1941, United States Military Academy		Deil, Glenn Dennis	D.C.
Deaner, Raymond Austin	D.C.	Delie, Lyman Curtis	D.C.
DeAngelis, Vincent Janies	Va.	DeLoach, Hight	D.C.
B.S. 1939, The George Washington University		DeLong, Allen Rhodes	
Dear, Frances Brook	D.C.	A.B. 1941, Washington and Lee University	D.C.
Dearings, Henry Hinckley, Jr.	Ohio	De Los Rios, Lolita	D.C.
Deasey, John Paul	Ohio	DeLPriore, Francis Rocco	Md.
Deaton, Clara Sauls	N.C.	A.B. 1941, New York University	W.Va.
DeBlasis, Samuel Joseph	Ohio	DeLuna, Frederick Adolph	
DeBlois, Jean Paul	R.I.	DeLung, Harry L.	D.C.
DeBois, Theodore	Md.	A.B. 1936, West Virginia University	D.C.
deBooy, Kendrick	Minn.	DeMarco, Paul Joseph, Jr.	D.C.
DeBurr, Mary Margaret	D.C.	Demas, Esther Peter	D.C.
DeCamara, Richard Paul	Del.	Demas, Nicholas Stephen	Md.
Dechert, Joseph Alfred	Pa.	Dembrow, Daniel William	
A.B. 1946, The George Washington University		B.S. 1942, The George Washington University	Md.
Deck, William Horace	D.C.	Dembrow, Leon William	Ohio
B.S. 1942, University of Tennessee		Deman, Livia Minerva	Ohio
Deckelbaum, Fred Irving	D.C.	DeMichelis, Irene C.	Va.
Decker, George Elwood	D.C.	Deming, Phyllis Cook	Mass.
DeClercq, Robert Edward	Wis.	Deming, Phyllis Nell	D.C.
Deegan, William John	Fla.	DeMoive, Lawrence Urban	Va.
Deeley, Jeanne Florence	D.C.	Demone, Lawrence Urban	D.C.
Deem, Jack William	Mo.	Demos, Frances Louise	D.C.
Deem, Thomas Richard	Mich.	DeMott, Benjamin Haile	D.C.
Dees, Lola Tidwell	D.C.	Dempsey, Jene Leonard	D.C.
Deeter, William Taylor, Jr.	Pa.	DeNeale, Ruth Lorraine	N.Y.
Deeters, Elsie Elizabeth	Va.	Denenberg, Victor Hugo	N.Y.
DeFilippis, Conrad Anthony	N.J.	Deniro, Patrick Joseph	D.C.
DeFrank, Anthony Alfred	D.C.	Denmark, Monroe Franklin	Md.
DeFreitas, Edward Neville	Va.	Dennemeyer, John James	
Defrow, Seymour	N.Y.	Denney, Howard Martin	N.J.
DeGarmo, Charlotte Lou	D.C.	A.B. 1943, Ohio Wesleyan University	
DeGast, Leonard Anne	D.C.	Dennis, Dorothy Coulbourne	D.C.
DeGast, Marinus Louis	D.C.	A.B. 1940, University of Maryland	Mass.
Degen, Carl George, Jr.	D.C.	Dennis, Louis Rothan	D.C.
DeGendert, Robert James	Iowa	Dennis, Rita C.	D.C.
A.B. 1936, Loras College of Dubuque		Denny, Paul Morrison	
Deeges, Ruth Margaret	D.C.	Denslow, Theodore North	Va.
DeGregorio, Anne Marie	Md.	A.B. 1931, University of Virginia	D.C.
A.B. 1941, New York University		Dent, Richard Judson	
A.M. 1942, Columbia University		Denton, Daphne Florence Smith	D.C.
DeHaven, John Vernon	D.C.	A.B. 1938, University of Cape Town	Nev.
Dehn, Ervin Noble	Ill.	Denton, Elmo Hilliard	D.C.
Deihl, D. George	D.C.	Denton, Ralph Lloyd	D.C.
A.B. 1939, Grinnell College		Dentz, Edwin James	D.C.
A.M. 1940, Duke University		Dentz, Robert Joseph	D.C.
Deitz, Charles John	N.Y.	Denune, Sister M. Raphael	D.C.
Deikelbaum, Abraham Joseph	D.C.	DePaul, Joseph Alfred	D.C.
Dekom, Otto Joseph	N.Y.	D'Epiro, Carl Michael	S.D.
A.B. 1946, The George Washington University		Depue, Margaret Van Nostland	
de la Croix, Eugene Raphael	Md.	DePuy, William Eugene	
de la Garzo, Hector Ruben	D.C.	B.S. 1941, South Dakota State College of Agriculture and Mechanic Arts	Belgium
De LaMater Merritt	D.C.	DeRidder, Victor Albert	Mass.
Delaney, Carroll Day	N.Y.	DeRosa, Edward Francis	Ill.
Delaney, John Aloysius	Mich.	Derr, Charles Ivan	Pa.
Delaney, Peter Henry	N.Y.	A.B. 1939, Illinois Wesleyan University	
A.B. 1937, Yale University		Derr, George Lewis	Va.
A.M. 1939, Columbia University		J.D. 1941, The George Washington University	
		Derr, Lena Edwards	

Derick, Duane Greenwood	Utah	Dichter, Jack C.	N.J.
Derom, Delta	D.C.	Dickerson, Evelyn Geraldine	Va.
Derry, Mary Anne	Australia	Dickerson, Mary Lou	N.C.
Derryberry, Charles P.	Va.	Dickerson, Rollin Pete	Md.
Dery, Edward David	Va.	Dickert, Wilson Chappell	D.C.
DeShazo, Katherine Crenshaw	D.C.	Dickey, Basil Gordon	D.C.
A.B. 1940, The George Washington University		Dickey, Mary Gresham	Md.
DeSilva, Sara Thompson	D.C.	Dickinson, Mary Frances	D.C.
A.B. 1924, Wellesley College		Dickinson, Pleceda Anne	Ill.
A.M. 1927, Radcliffe College		Dickler, Melvin	D.C.
DeSilva, William Darley, Jr.	Va.	Dickman, Alfred	N.Y.
DeSkin, Elaine	D.C.	Dicksa, Alvin Paul	Calif.
DeSkin, Leona	D.C.	Dicksa, Carl Adam	Calif.
Desmond, Baker Blake	Ala.	Dickson, James Newton, Jr.	Va.
Des Rochera, Marcel Erlin	N.H.	Dickson, Lois Pengelly	D.C.
Desert, Edward Paul	Mich.	Dickson, Marion Leonard	D.C.
Deser, Lester	D.C.	A.B. 1916, Southwestern Louisiana Institute	
Deser, Sally Chew	D.C.	Diehl, Lloyd George	Va.
Dethelesen, Douglas George	Calif.	A.B. 1930, Bridgewater College	
B.S. 1944, Carnegie Institute of Technology		Diemer, Robert Arthur	D.C.
Detlie, Martin Oliver	Va.	Diener, Allan LeRoy	D.C.
Detmer, Edwin Charles	D.C.	Dierden-Crockett, Jeffery Rosher	Neb.
Detmer, James Edwin	Ind.	Dienowier, Margaret Louise	D.C.
Detrich, Mary Jane	Md.	Dieterle, Dorothea Mary	Calif.
Detrie, Evelyn Louise	Wis.	Dietler, Patrick Chester, Jr.	Kans.
Detriets, Warren Prentise	D.C.	Dietrich, Jack Mitchell	D.C.
Detty, George William	D.C.	Dietz, Glenn Allen	Ky.
De Unger, Jose S.	P.I.	Dietz, Robert Edward	N.Y.
Detzsch, Bernice Marie	D.C.	Dietz, Stanley Maston	Pa.
Detzel, Ainsley	N.Y.	Dietz, William Edward	D.C.
A.B. 1940, Queens College		Diffenderfer, Anne Lemwir	Md.
Detzsch, George Bernard	N.Y.	D'Ippa, Marion Murphy	Mass.
Detzsch, Morris Robert	Va.	Daxius, John Robert	D.C.
Detzsch, Ralph	Mass.	DiGiulian, Anna Maria S.	
B.S. 1941, University of Michigan		A.B. 1930, Wilson Teachers College	N.Y.
Devan, Christopher Bartram	D.C.	Dik, Florence Anna	D.C.
Devan, Joseph Francis	N.H.	Diker, Valihe	Va.
Devan, Thomas Arthur	D.C.	Diliberto, Joseph Charles	
DeVane, Thomas Michael	D.C.	M.E. 1946, Stevens Institute of Technology	Md.
DeVico, Louis	D.C.	Dilks, Charles Gordon	D.C.
Devine, Arlene Marie	D.C.	Dilli, Barbara Lindsey	Colo.
Devine, Charles Joseph	Va.	Dillingham, James Richard	Md.
A.B. 1943, Washington and Lee University		Dilliplane, Earl Kenneth	D.C.
Devine, Edward P.	D.C.	Dillon, Beverly Anne	D.C.
Devore, Patricia Noel	D.C.	Dillon, Edward Scott	
Dewarney, Lillian Reeves	D.C.	B.S. 1932, University of Illinois	D.C.
Dewberry, Raymond Allen	Va.	Dillon, Joe Clyde	D.C.
Dewberry, Willis Elbert	D.C.	Dillon, John Francis	D.C.
Dewing, Charles Edward	D.C.	B.S. 1943, Catholic University of America	
A.B. 1948, Colorado College		Dillon, Zetta Shriner	D.C.
Dewitt, Charles Kenneth, Jr.	Md.	A.B. 1946, The George Washington University	
Dewitt, Dorothy Baugh	D.C.	Dills, Charles Everard	N.D.
Dewitt, Harry Morton	Ala.	DiMartino, Horace Robert	Mass.
B.S. 1942, Alabama Polytechnic Institute		Dimmett, Claude Chester	D.C.
Dewitt, Henry Arthur	D.C.	Dimmitt, Jean Marion	D.C.
Dewitt, James Curwin	Va.	Diamond, John Henry	Alaska
B.S. 1943, Mount Union College		B.Ap.Chem. 1941, Catholic University of America	
Dewitt, Julie	D.C.	Dingman, Lester Francis	Md.
Dezheimer, John Peter III	N.J.	Dinneen, James Francis	Mass.
Dezraideur, Edna Max	D.C.	A.B. 1937, LL.B. 1942, Boston College	
Dezue, George Hubert	D.C.	Dinneen, Margaret Catherine	Minn.
Dezmond, Isaac	Md.	Dintaman, Robert Jay	Mich.
Diamond, Jack Kenneth	D.C.	B.S. in E.E. 1941, Wayne University	
Dias, Carneiro Octavio Augusto	Brazil	Dion, Marie Berthe	D.C.
DiBenedetto, Anthony Domenico	N.Y.	Diorio, David	N.Y.
B.S. 1943, Villanova College		DiPierro, Pasquale Lawrence	N.Y.
DiBer, Richard Eugene	D.C.	Dirks, Robert Eugene	S.D.
B.M.E. 1943, College of the City of New York			

Dirksen, Richard Wayne	Ill.	Doherty, Francis Connors	Va.
Dirtadian, Helen	N.Y.	Doherty, John Carroll	D.C.
Disdier, Albert Pierre	Idaho	Doidge, Janet Anne	N.Y.
Disenhaus, Nathan	Ill.	Doidge, Leslie William	D.C.
B.S. in E.E. 1937, Armour Institute		Dolan, Joseph Edward	Wash.
of Technology		B.S. 1941, University of Illinois	N.J.
Disque, Allen William	Md.	Doland, Alger Barr	
Diston, Frank Earl	Wyo.	M.D. 1945, The George Washington	
Diston, Luella M.	Wyo.	University	N.Y.
Dittrich, Eric Hubert	Va.	Dolineck, Stephen A.	N.J.
Ditzler, Marshall Ernest	Pa.	Dolinsky, Elaine	Wn.
B.S. 1935, Lebanon Valley College		Doll, Mary Ann	Md.
Divine, William R.	Va.	Dollar, Eleanor Margaret	Md.
A.B. 1937, Pomona College		Dollard, James	
A.M. 1941, University of		A.B. 1939, College of the City of	D.C.
Cincinnati		New York	
Dix, Clarice Belle	Va.	Dolnick, Ethel Helen	
A.B. 1930, Vanderbilt University		B.S. 1943, The George Washington	
Dixon, Ballard Fulton	D.C.	University	Ind.
Dixon, Calvin William, Jr.	D.C.	Domer, Marilyn Alice	Ala.
Dixon, George Carlton	D.C.	Domingus, Howard Lewis	Va.
Dixon, Henry Marshall III	D.C.	Domke, Paul Clifford	Pa.
Dixon, Kenneth Fife	D.C.	A.B. 1940, Carleton College	D.C.
A.B. 1945, The George Washington		Domm, Clarence Harry	Va.
University		Domsky, Irwin Theodore	
Dixon, Sade Willis	N.C.	Donaho, Glynn Robert	
Dixon, Thomas Wilson	Md.	B.S. 1927, United States Naval	Va.
Dixon, William Martin	D.C.	Academy	N.J.
Dixon, Lawrence William	D.C.	Donahoe, Louise Stebbings	D.C.
Djatasimoro, Basooki	Md.	Donahue, John David	
Djovanidis, John Constantine	Va.	Donahue, John Urban	
B.S. 1941, Virginia Polytechnic		B.S. 1940, State Teachers College,	D.C.
Institute		Salem, Mass.	Md.
Dmohoski, Dorothy Irene	D.C.	Donahue, Mary Ellen	
Dmohoski, Frances Irene	D.C.	Donahue, Thomas Francis, Jr.	Ill.
Dmohoski, Jeanette Marie	D.C.	A.B. 1941, Harvard University	
Doane, John Emil	D.C.	Donahue, Thomas Gerald	N.Y.
B.E.E. 1946, The George Washington		B.S. 1943, Northwestern University	D.C.
University		Donaldson, Allyn Capron, Jr.	D.C.
Dobbinis, John Joseph	D.C.	Donaldson, John Charles L.	D.C.
Dobies, Henry Joseph	Md.	Donaldson, John Eldridge, Jr.	D.C.
Dobler, Frederick Franklin	Wash.	Donavre, Carlos E.	Va.
Dobrowski, Helen L.	D.C.	Danchez, Stephen John	
A.B. 1943, Woman's College of the		A.B. 1938, Moravian College and	N.Y.
University of North Carolina		Theological Seminary	D.C.
Dobrowski, Frank Anthony	Pa.	Donelan, Joseph Francis, Jr.	D.C.
Dobson, Hugh Harper, Jr.	Va.	Donnelly, Bruce Norman	Va.
Dobson, Maryanna Elizabeth	D.C.	Donnelly, Grant Levar	
Docherman, Mollie	D.C.	Donnelly, Henry Joseph, Jr.	
Dockum, Donald Granville	Mont.	B.S. 1943, University of	D.C.
B.S. 1936, United States Naval		Pennsylvania	D.C.
Academy		Donnelly, Mary Elizabeth	D.C.
Dodd, Atta Evangeline	N.Y.	Donnelly, Richard Charles	D.C.
A.B. 1925, The George Washington		Donnelly, William Francis	D.C.
University		Donnelly, William James, Jr.	N.C.
Dodd, Auleyan Minyard, Jr.	Tex.	Donelson, Kenneth William	D.C.
Dodd, Everett Eugene	D.C.	Donesa, Nicanor Pineson	D.C.
Dodd, Wilbur Oliver	Va.	Domohoe, Grace Louise	D.C.
Dodds, Rosemary	D.C.	Domohoe, John Carroll, Jr.	N.Y.
Dodge, Alwyn Conrad	D.C.	Domohue, Harold Pat	Mass.
Dodge, Austin Phelps	Md.	Domohue, John Andrew	
B.S. 1914, Massachusetts Institute		Donovan, James Alport, Jr.	Wash.
of Technology		A.B. 1937, Yale University	D.C.
Dodge, Evelyn Laura	D.C.	Donovan, John Bernard	P.
Dodde, William Bannard	Va.	Donovan, John Harold	
Dodson, Claire	D.C.	Donovan, Mary Elizabeth	D.C.
Dodson, Elba Aileen	Va.	B.S. 1942, University of Pittsburgh	Pa.
Dodson, John Charles	Pa.	Donovan, Richard Ferry	Calif.
Doe, Frederick Henry	Va.	Donvito, Pasqual Anthony	
Doering, Ralph Wilbur L.	Ill.	Doody, Thomas Edward	D.C.
A.B. 1948, Carthage College		A.B. 1943, Stanford University	D.C.
Doernenburg, Helen Johanna Hulda	Ill.	Dooley, Joy E.	
Doggett, Milbert Eugene, Jr.	D.C.	Doolittle, Howard Chester	

Danan, Leonard Granville	Va.	Doyle, Godfrey William	Md.
A.B. 1942, Harvard University		Doyle, Maureen Eugene	D.C.
Danan, Roger LeRoy	Md.	Doyle, Theresa Beatrice	Mass.
Danan, Stephen Mark, Jr.	Mich.	Dovne, R. Veronica	N.J.
Dane, Anthony	Italy	A.B. 1943, University of Maryland	
Dane, Marcia Deborah	N.Y.	Dozier, Richard Tatley	Ga.
Dane, Thelma Rae	D.C.	Drace, Thomas Nathan	D.C.
Dane, William Matthew	D.C.	Dracopoulos, John William	D.C.
Dane, Lucy Carter	D.C.	Draeger, Edith Prindle	D.C.
A.B. 1942, College of William and Mary		B.S. 1916, Wilson Teachers College	
Dane, Joseph Winter	Iowa	Dragoo, Richard Paul	Idaho
Dane, Bernard Francis	D.C.	B.S. 1941, University of Idaho	
Dane, Loretta	D.C.	Drake, Jack Everett	Tex.
Dane, Harold Lee	Md.	Draper, Audrey Marie	Va.
L.L.B. 1942, The George Washington University		Draper, Elizabeth Kohl	D.C.
Dane, Benjamin Henry	D.C.	A.B. 1924, A.M. 1935, The George Washington University	
B.S. 1945, University of Pennsylvania		Draper, William Alfred	D.C.
Dane, Carolyn Clouston	Va.	B.S. 1945, Wilson Teachers College	
Dane, Frank Edward	Md.	Drapkin, Leon Isidore	D.C.
Dane, Richard Francis	D.C.	Dratwick, Christine H.	D.C.
A.B. 1917, University of Chicago		Dravton, Dorothea	D.C.
Dane, William Henry	Va.	Drazin, Harry	D.C.
A.B. 1943, University of Dayton		Dreisonstok, Erwin Milton	Md.
Dane, Wallace Emerson	Fla.	Dreisonstok, Richard	N.Y.
Dane, Eva Mae	N.C.	Dresher, Lillian Ruth	D.C.
Dane, Daniel Keating	Va.	Dressel, Robert James	Id.
Dane, Maryanna Elizabeth	D.C.	Drew, Ellsworth David	D.C.
Dane, Dale Edward	Calif.	Drew, Jane Carolyn	Mont.
A.B. 1936, Pomona College		Drew, Norma Jean	Va.
A.M. 1938, University of Cincinnati		Drewry, William Pale	D.C.
Dane, Myldred Marguerite	Va.	Drewyer, Darwin Raymer, Jr.	N.Y.
A.B. 1943, The George Washington University		Drimmer, Miriam Weinberg	Conn.
Dane, Robert DeVerle	Va.	Driscoll, Joan	D.C.
Dane, Veronica Rae	Va.	Driscoll, John Joseph	N.Y.
Dane, Frank Robert	Md.	Driscoll, Joseph Patrick	
A.B. 1945, The George Washington University		A.B. 1941, L.L.B. 1943, Harvard University	
Dane, Robert Edward	D.C.	Driscoll, Michael Joseph	D.C.
Dane, George Ross, Jr.	Va.	Driscoll, Raymond Aloysius	N.Y.
Dane, Helen Oliver	Va.	A.B. 1944, St. John's University	
Dane, Jean Lucia	D.C.	Driver, Russell Broyles	Tenn.
A.B. 1944, Vassar College		A.B. 1940, Ohio Wesleyan University	
Dane, John Frederick	D.C.	Drogan, Casimir Joseph	D.C.
Dane, John Robert	Va.	Droney, Paul Vincent	Md.
Dane, Reginald Clayton	D.C.	Droulard, Kenneth Earl	Mich.
Dane, Helen May Hazen	D.C.	Druckenmiller, Donald James	Va.
Dane, Priscilla Makela	D.C.	Drucker, Edward	Mass.
Dane, Tsung	China	Drummond, Charles Manly, Jr.	S.C.
A.B. 1938, National University, China		A.B. 1940, The Citadel	
Dane, Joseph Mortimer	D.C.	Drummond, Frank Brown	D.C.
B.S. 1939, Georgetown University		Druse, Katharine	Ohio
Dane, Ruth Elizabeth	D.C.	A.B. 1917, Iowa Wesleyan College	
Dane, Sam Gene	Mo.	A.M. 1928, Columbia University	
Dane, Walter Fred, Jr.	Va.	Druden, Leslie Powell	Md.
Dane, Dorothy Shreve	D.C.	Debster, Dorothy Fennis	D.C.
Dane, George Brackett	Va.	A.B. 1941, Brooklyn College	
M.D. 1917, The George Washington University		Dubiel, Joseph Michael	Md.
Dane, Richard Emmett	N.Y.	B.S. 1918, University of New Hampshire	
Dane, John P.	N.Y.	Dubin, Nora	N.Y.
Dane, Alma G.	Nebr.	Dubois, Jack Edwin	Ill.
Dane, John Joseph	Mass.	Dubois, Joseph Bernard	Ga.
Dane, Merritt	Va.	Dubois, Raymond Francis	Conn.
Dane, Harold Alfred	Va.	B.S. 1947, United States Naval Academy	
Dane, Herbert	Va.	Dubois, William Franklin	Md.
Dane, Martin Hartman	D.C.	Dubois, Lane Eugene	Tex.
Dane, Rinda Lane	Va.	Dubowsky, Sylvia Ruth	Ohio
Dane, Douglas Jerome	D.C.	A.B. 1918, University of Cincinnati	
		Duboff, Seymour	N.Y.
		Duckert, Richard Baruch	Va.
		Duck, Blanche Amelia	D.C.

Duckworth, Eloise Kilby	Va.	Dunn, Francis Gill	S.D.
Duckworth, Pauline A.	N.Y.	LL.B. 1937, University of South Dakota	Ta.
A.B. 1930, Syracuse University	Va.	Dunn, Frank Lowry	Conn.
Duckworth, Robert Collins	D.C.	Dunn, George Martin	D.C.
Dudley, Albert Frederick	Va.	Dunn, George Mitchell	N.Y.
Dudley, Frank Keith	Va.	Dunn, Howard	
Dudley, Robert Earl	Va.	A.B. 1936, College of the City of New York	
Dudley, Samuel Charles		A.M. 1940, Columbia University	N.Y.
B.E. 1938, Johns Hopkins University	D.C.	Dunn, Ray Aloysius, Jr.	N.Y.
Duerbeck, Louise M.	Tenn.	Dunn, Theodore Franklin	D.C.
Duff, David Dryden	N.Y.	Dunn, William Francis	D.C.
Duffy, Eugene Grimley	D.C.	Dunnivant, James Randolph	N.Y.
Duffy, Francis Arthur	W.Va.	Dunning, Alice, Langley	
Dugan, Michael Hugh	D.C.	A.B. 1943, Queens College	D.C.
Dugdale, Donna Elizabeth	Va.	A.M. 1944, Clark College	
Dugoff, Albert Morris	D.C.	Dunning, Ralph Robert	
Duke, Jesse C., Jr.	Va.	A.B. 1941, Syracuse University	Md.
Duke, Lloyd Henning, Jr.	D.C.	Dunning, Worth Louis	Iowa
Duke, Norma Grace	Md.	Dunphy, Loretta Marie	Mo.
Dulaney, Carl Whitesell	Va.	Dunseth, Elaine Marilyn	
Dulany, Benjamin Weems	D.C.	B.S. 1943, Southwest Missouri State Teachers College	D.C.
A.B. 1942, University of Virginia	Mass.	Duplinsky, Edward Nicholas	Md.
Dulaski, Benedict Joseph	D.C.	Duplisse, George Willis	Md.
Dulberger, Harriette Frederica	N.J.	Dupre, David Lewis, Jr.	R.I.
Duleis, Jerome Joseph	D.C.	Dupre, Forrest Francis	Va.
Dulester, Henry J.		Dupre, Marcy Mathias, Jr.	
B.S. 1940, College of the City of New York	Va.	B.S. 1910, United States Naval Academy	Ohio
Dumaine, Elizabeth Graham		Duprey, Wilson Gilliland	Md.
A.B. 1945, The George Washington University		Duran, Roger LeRoy	Min.
Dumaine, Gabriel Romaine	Va.	Durfee, Grace Campbell	Conn.
Dumas, Delima Catherine	Mass.	B.S. 1937, University of Minnesota	
DuMont, Doris	D.C.	Durgin, Edward Robison	
DuMont, John	Va.	B.S. 1922, United States Naval Academy	
Dunaway, Clifford Harry	Mo.	M.S. 1929, Columbia University	D.C.
Dunaway, Edward George	Mo.	Durgin, Franklin Willoughby	D.C.
Dunaway, Hazel Winifred	Iowa	Durnbaugh, Evelyn Grace	
Dunaway, Helen Elizabeth	Mo.	A.B. 1933, The George Washington University	D.C.
Dunaway, Maxine	Iowa	Durnell, Robert Scott	Mass.
Dunaway, Phyllis Jean	Va.	D'Urso, Alfo Mario	Md.
Dunaway, William Earl	D.C.	Dury, Abraham	
Dunbar, Anna Cameron		A.B. 1936, Brooklyn College	D.C.
A.B. 1942, The George Washington University		M.S. 1940, New York University	D.C.
A.M. 1944, Colorado College	N.Y.	Duryee, Joseph Bowden	N.H.
Dunbar, Irene Eva	Va.	Dusinberre, John Worthington	Mo.
Dunbar, John Paul	W.Va.	Dusseault, Henry Aime	
Dunbar, Mary June	Va.	DuTeil, Claude Francis	
Duncan, Alice Elizabeth	Va.	B.S. in C.E. 1943, Georgia School of Technology	Md.
Duncan, Don Oliver	Ga.	Dutton, Thomas Dillwyn	Va.
Duncan, James Thomas	W.Va.	Duval, Juanita Prescott	D.C.
Duncan, John David	Va.	Duvall, Allen Joseph	Md.
Duncan, John Hiram	Va.	Duvall, Andrew Bradley	Va.
Duncan, John Kenneth	Va.	A.B. 1939, Princeton University	Md.
Duncan, John Ogilvy	D.C.	Duvall, Mary Charlotte	Md.
Duncan, Margaret Adele	Tex.	Duvall, Mary Louise	
Duncan, Marvin Hughes	D.C.	Duvall, William Howard	
Duncan, Robert Dillon	Ind.	B.S. 1924, United States Naval Academy	S.D.
Duncan, Robert L.	D.C.	Duxbury, Clyde Marion	Wash.
Duncan, Roderick Martin		Dvorak, Gladys Eleanor	D.C.
A.B. 1943, Swarthmore College	Ohio	Dwass, Meyer	N.Y.
Dunfee, Bernadine Langdon	Md.	Dworman, Alvin J.	D.C.
B.S. 1919, Wilmington College	D.C.	Dworshak, Calvin George	Md.
Dunham, Claire		Dworsky, Dena Leigh	Mass.
Dunlap, Cecil N.		Dwyer, John Joseph	Neb.
A.B. 1943, Ohio University	D.C.	Dwyer, Mary Josephine	D.C.
Dunleavy, Frank Joseph	N.Y.	Dwyer, Vincent William	
Dunn, Arnold Samuel	D.C.		
Dunn, Constance June	D.C.		
Dunn, Eugene Francis	D.C.		
Dunn, Francis Veronica	Hawaii		

Dick, William Donald	Kans.	Eckert, Richard Lawrence	Ohio
Dyer, Donald Fillmore	Md.	Eckert, Thomas Joseph	Va.
Dyer, Edward Joseph	Ill.	B.S. 1943, The George Washington	
Dyer, Joseph Edwin	D.C.	University	
Dyer, Marion Paul	D.C.	Eckhardt, John Carl, Jr.	D.C.
Dyer, Virginia Ann	Md.	B.S. 1938, United States Naval	
Dyson, Albert Curtis	Wis.	Academy	
B.S. 1942, University of Wisconsin		Econome, George Peter	N.Y.
Dyland, Robert Carroll	D.C.	Edlinsfield, Carol	D.C.
Dyson, Gerald Roland	La.	Edelman, Bernard	N.Y.
B.S. 1927, United States Naval		Eden, Robert Otto	D.C.
Academy		Eden, William Earl	D.C.
Dyson, Howell Jesse	Va.	Edens, Maurice Duane	Mo.
B.S. 1927, United States Naval		Eder, Daniel David	N.Y.
Academy		Edes, Ruth Marianne	D.C.
Dyson, Sarah Oleda	Fla.	Ederton, John D.	D.C.
A.B. 1942, John B. Stetson		Edgerton, Joseph William	D.C.
University		Edgren, Claude Gordon	Wash.
		Edington, Archie	D.C.
		Ediss, Jacob Solomon	Wash.
		Edmondson, Paul Clair	Va.
		Edmondson, Samuel Wedding, Jr.	
		A.B. 1927, Emory and Henry College	
		Edmonston, Kay	D.C.
		A.B. 1928, A.M. 1928, The George	
		Washington University	
		Edmonds, James Bradt, Jr.	Md.
		A.B. 1941, The George Washington	
		University	
		Edsall, Hamford Meeker	Va.
		A.B. 1938, Washington University	
		Edson, Barbara Jane	Nehr.
		Edson, Franklin Willis	Va.
		Edwall, Warren Emerson	D.C.
		Edwards, Edith Rita	D.C.
		B.S. 1940, The George Washington	
		University	
		Edwards, Ellen Leo	Calif.
		Edwards, Elizabeth Ruth	Va.
		Edwards, Henry William	D.C.
		B.S. 1947, Montana State Normal	
		College	
		Edwards, James Edwin	Fla.
		A.B. 1915, The George Washington	
		University	
		Edwards, John Elliott	Mich.
		A.B. 1933, Fordham University	
		Edwards, Julian Bernard	D.C.
		Edwards, Larry Edwin	Miss.
		B.S. 1945, University of Mississippi	
		Edwards, Marion William	Calif.
		Edwards, Palmer Lowell	Ala.
		B.S. 1944, Louisiana State University	
		Edwards, Phyllis Mildred	Pa.
		B.S. 1940, Pennsylvania State	
		College	
		Edwards, Rosaline Mary	Md.
		B.S. 1934, A.M. 1935, Fordham	
		University	
		Edwards, Rastand Hurbit	Okl.
		Edwards, Virginia Daxle	Pa.
		Edwards, Virginia Lucille	Va.
		Edwards, Walter Robert	Miss.
		A.B. 1941, The George Washington	
		University	
		Egan, Anna Virginia	N.Y.
		Egan, Jane Florence	D.C.
		Egan, Joseph Patrick	D.C.
		Eggeling, Dorothy Jean	Md.
		Egger, Roscoe Lynn, Jr.	Md.
		B.S. 1942, Indiana University	
		Egloff, Edward	D.C.

Ehlers, Joseph Henry	Calif.	Elliott, Virginia Eloise	Gr.
B.S. 1914, Trinity College		Elliott, William Homer, Jr.	N.J.
Eldredge, Adam Charles	D.C.	A.B. 1920, Wesleyan University	Ta.
A.B. 1916, The George Washington University		Elliott, Zola Florence	
Ehrenkrantz, Marion	N.Y.	B.S. 1916, M.S. 1940, North Texas State Teachers College	Ar.
Ehlers, Virginia Brown	D.C.	Ellis, Charles Gordon	D.C.
Ellis, Louis Walter	Mass.	Ellis, Frances Howard	Ma.
Ehrlich, Bernard	D.C.	Ellis, Fritz William	D.C.
Ehrlich, Eugene Allen	D.C.	Ellis, Helene	D.C.
B.B.A. 1939, College of the City of New York		Ellis, Henry Herbert	D.C.
Ehrlich, Helen Gertrude	Mass.	Ellis, James Garfield	S.D.
Ehrlich, Schy	N.Y.	Ellis, Jason Atanadel	
Ehrlich, Raphael Hyam	D.C.	B.S. 1942, South Dakota School of Mines and Technology	D.C.
B.S. 1941, University of Maryland		Ellis, John Fletcher	
Elmendorf, Harry Charles	D.C.	A.B. 1949, The George Washington University	Ga.
Elmendorf, Phyllis	D.C.	Ellis, John Reavis	D.C.
Elmendorf, Frank Joseph	D.C.	Ellis, John Taylor	D.C.
Elmhorn, Raymond Aloysius, Jr.	Md.	Ellis, Kent	Tenn.
Eng, Lawrence Sidney	D.C.	B.S. 1942, Yale University	Ma.
Engberg, David	N.J.	Elison, Charles D.	Calif.
Englander, John Collum	Va.	Ellsworth, George	
Englander, Albert	Wis.	Ellsworth, George Kenneth Cobb	
Eisen, Irving Albert	Pa.	A.B. 1929, LL.B. 1931, LL.M. 1935, S.J.D. 1937, Western Reserve University	D.C.
Eisenberg, Bernard Carl	Md.	Ellsworth, Virginia	Ar.
Eisenberg, Murray L.	D.C.	Ellwood, Robert C.	D.C.
B.S. 1940, College of the City of New York		Elmendorf, Virginia Merle	Ga.
Eisenhauer, Leonard R.	Pa.	Elmendorf, Willett	D.C.
Eisenhauer, Murtis Miller	D.C.	Elrod, Mary Elma	Ar.
Eisner, Mark, Jr.	N.Y.	Elvove, Solomon	D.C.
Eisner, Howard Edward	Pa.	Elv, Adair Anderson	Pa.
Ekselahl, Lillian Mabel	D.C.	Ely, Lorraine Brown	N.Y.
Ekes, Signars Hjalvaldis	N.Y.	Emberger, Paul Edward	D.C.
Edgipole, Chris	D.C.	Embler, Ralph Edward	Ar.
Elder, Helen Koch	Miss.	Embrey, Thomas Carl	D.C.
Edgroke, Carmen		Emerson, Carl	La.
A.B. 1912, Mississippi State College for Women		Emerson, Charles William	D.C.
Edgroke, John Fox	D.C.	Emerson, Clingman E.	D.C.
Edgroke, Richard Adams	D.C.	Emerson, Earl W.	
Edgroke, Sarah Francis	Miss.	Emmerson, Delmar	N.M.
Ed, Maria Arthur	D.C.	B.S. 1926, Bates College	Ma.
Ed, Atlee Wayne	Md.	Emmerson, Mabel	
El Hassani, Ali Nasir	Iraq	Emmerson, Sarah Catherine	
Elmson, Raymond Orlando	D.C.	B.S. 1929, Northwest Missouri State Teachers College	Md.
Elmson, Marcelle Diane	N.Y.	Endres, Arthur Philip	Calif.
Elmson, Thomas Lamb	D.C.	B.S. 1941, University of Wisconsin	N.J.
A.B. 1941, Harvard University		Enxer, Grace	D.C.
Eller, Anne	Ill.	Engel, James Edward	Pa.
Eller, Benjamin	D.C.	Engelbrecht, Fred Byron	D.C.
Eller, Helen	Pa.	Engelhardt, Charles William, Jr.	Pa.
Eller, Annie Moore	Miss.	Engelman, Phyllis Claire	Ar.
A.B. 1941, The George Washington University		Engelstad, Francis Noel	
Ellerwood, Robert C.	Va.	B.Ed. 1941, State Teachers College, Westwater, W.	W.
B.S. 1941, Ohio University		Engelstad, Julian Barthol	Ill.
Ellett, Charles Crittenden	D.C.	Engelstad, Fred Edward	
Eller, Billie Jean	Pa.	B.S. 1939, Illinois Institute of Technology	D.C.
Eller, Richard Price	D.C.	Engert, R. Derek Morrison	D.C.
Eller, Marguerite Eva	D.C.	Engert, S. C. Cunningham	Calif.
Eller, Stephen Lyons	D.C.	England, Colin Byrd	Pa.
Eller, Albert Franklin	Va.	Engle, Clarence Hess, Jr.	D.C.
Eller, Frank Carson	Pa.	A.B. 1944, University of Kansas	Ar.
Eller, James Irving	Del.	Engle, Phoebe Katherine	D.C.
A.B. 1946, Western Maryland College		Engle, Harold Melvin	N.Y.
Eller, Louise Obadiah	D.C.	English, H. C.	
A.B. 1939, Wellesley College		B.S. 1945, Wilson Teachers College	
Eller, Mary Elizabeth	Va.	English, Marie Olive	
Eller, Ralph Earl, Jr.	Ill.		
Elliott, Robert Stanley	Ill.		

English, Rosemary	N.Y.	Etter, James H., Jr.	Ky.
Enos, Thomas Joseph, Jr.	D.C.	B.S. 1942, Georgia School of Tech-	
Enos, Ira Gailford	D.C.	nology	Ky.
Enos, Jack Martyn	D.C.	Eubank, Annabelle Cowles	D.C.
Ensey, Lot	Fla.	Eubank, Charles Stuart	D.C.
B.S. 1930, United States Naval		Euler, Charles Miller II	Ill.
Academy		Eumant, Harry Wesley	Pa.
Enyon, Allan Beaumont	Va.	Eustace, John Martin	Va.
Enyon, Robert Frank	D.C.	Eustace, William Elmer	France
Entler, Edmond Paul	W.Va.	Ewert, Alex Mireille	Pa.
Entman, Bernard	N.Y.	Evaneck, Madeline Marie	D.C.
A.B. 1943, Brooklyn College		Evans, Leo	Idaho
Entwistle, Willard Ryan	D.C.	Evans, Bruce Andrew	
Epaminonda, John G.	Va.	B.S. 1943, University of Idaho	Md.
L.L.B. 1945, The George Washington		Evans, Carleton Kræte, Jr.	W.Va.
University		Evans, Charles D. Roy, Jr.	
Epp, Orlando Carl	Kans.	B.S. 1945, Miami Union College	Va.
Epstein, Isaac	N.Y.	Evans, Douglas K. Bley	D.C.
Epstein, Joseph Bernard	N.Y.	Evans, Elizabeth Darling	D.C.
A.B. 1942, The George Washington		Evans, Elias Andrew	D.C.
University		Evans, Eugene Dwayne	Va.
Epstein, Marion	Mass.	Evans, Harold Robert	D.C.
Epstein, Sonia E.	D.C.	Evans, Ira Kenneth, Jr.	Ohio
Ericksen, Bruce Glenn	W.Va.	Evans, Janet Stokes	
Ericksen, Eleanor Grace	D.C.	A.B. 1946, The George Washington	
Ericksen, Robert Lyle	Md.	University	D.C.
Ericksen, Swart A.	D.C.	Evans, John Colt	
Ericksen, John Epic	Md.	A.B. 1941, Bowdoin College	D.C.
Ernest, Anna May	D.C.	Evans, John Penhallow	D.C.
Ernst, Edward Cranch	D.C.	Evans, M. Harriet	D.C.
Ernst, William Cranch	Calif.	Evans, Margaret Bucke	D.C.
Erskine, John Clark	D.C.	A.B. 1942, University of California	Md.
A.B. 1939, Bethany College		Evans, Margaret Jane	Md.
A.M. 1940, Clark College		Evans, Mary Bernice	D.C.
Eryn, Emma Frances	Md.	Evans, Norman Charles, Jr.	Pa.
B.S. 1944, Wilson Teachers College		Evans, Philip Gordon	
Ewin, John Lawrence	Va.	A.B. 1936, Pennsylvania State	
Ewin, John Fitchel	Va.	College	D.C.
A.B. 1933, Duke University		Evans, Philip Wharton	
Ewin, Ruby Ann	Ga.	A.B. 1940, University of the South	D.C.
Ewan, Virginia Rebecca	Ga.	Evans, Richard Jack	D.C.
Ewan, Albert Frederick	D.C.	Evans, Robert Llewellyn	D.C.
Ewan, Arthur Gerald	Ill.	Evans, Sally Ann	Pa.
B.S. 1940, United States Naval		Eveland, Daniel Buckley	Ill.
Academy		Even, Francis Alphonse	
Ewell, Victor Henry	D.C.	B.S. 1942, University of Illinois	Va.
Ewell, Blanca G.	D.C.	Evenson, Marilyn Olga	D.C.
Ewellman, Von Russel	Ohio	Evenson, Norma Doris	D.C.
Ewer, Barbara Denny	Va.	Everdale, William Edward	N.Y.
A.B. 1945, University of New		Everding, Charles Jerome	Va.
Mexico		Everett, Francis Marion	Miss.
Ewing, Frank Robert	Va.	Everett, Gerald Waddell	Md.
B.S. 1946, University of New		Everett, Henry Benjamin	D.C.
Mexico		Everett, Phoebe Ruth	D.C.
Ewinger, Harry William	Mich.	Everhardt, William Hessee	
Ewing, Louis Manuel	D.C.	A.B. 1929, St. Mary's College	D.C.
Ewing, J. Adelaide L.	D.C.	Evry, Allen	Ky.
Ewing, J. L. Elmer	Va.	Ewalt, James Harding	
Ewing, Mabel Alwin	Pa.	A.B. 1942, Transylvania College	Mo.
B.S. 1941, Lehigh Valley C. Coll.		Ewan, Edward Theodore	Va.
M.S. 1943, Parulac University		Ewell, Raymond Woodrow	Md.
Ewan, Helen Elizabeth	D.C.	Ewen, Charles Robert	Va.
Ewan, Dorothy Theresa	D.C.	Ewing, Beverly	Ill.
Ewan, Rita Fern	D.C.	Ewing, Cleo Maxine	Va.
Ewan, Leo and Joseph	N.Y.	Ewing, Frances Linda	
Ewan, Joseph Anthony	D.C.	A.B. 1942, College of William and	Va.
Ewan, Lewis Franklin	Pa.	Mary	
Ewan, Flory E.	D.C.	Ewing, Louis Lawrence	
Ewan, Henry	Va.	B.S. 1927, United States Naval	
Ewan, Harry St. John	Fla.	Academy	
M.D. 1939, Duke University	Pa.	M.S. 1947, University of Michigan	Minn.

Exendine, Frances Evelyn
 Exton, Rose Patricia
 Eyler, John Dechert, Jr.
 B.S. 1942, University of Maryland
 Eynon, Leo Ellen
 Eytchison, Vernon Leland
 Ezekiel, Joseph Edward
 Ezekiel, Joseph Lewis
 Ezrin, Ivan Allan

Wash. Farrell, John Joseph
 D.C. B.S. 1946, University of South
 Md. Carolina
 Va. Farrell, Mary Patricia
 Ill. Farrell, Samuel James
 Va. Farrer, Lydia Ruth
 D.C. Farrington, Bluebelle Maurine
 D.C. B.S. 1928, Oklahoma Agricultural and
 Mechanical College

Pa.

D.C.

Conn.

Ala.

Md.

N.C.

Ky.

F

Faber, Sidney
 Fabi, Mario N.
 Fabian, Mary Louise
 Facci, Hugo Angelo
 B.S. 1942, University of California
 Fadeley, Marian Elizabeth
 Fagan, Pauline J.
 Fagan, Robert H.
 B.S. in A.E. 1937, M.S. in A.E.
 1940, Georgia School of Technology
 Fagg, Lawrence Wellburn
 B.S. 1945, United States Military
 Academy

N.Y. Farver, Albert Steele
 Pa. A.B. 1926, Western Maryland College
 D.C. Fary, Thomas Franklin
 Calif. Fassel, Irene Anna
 D.C. Fastres, Simone Helene
 D.C. Fath, Edward Joseph
 D.C. Faulkner, Annavee Beverly
 D.C. Faurroff, Shirley Rita
 Faust, Wilda Frechern
 A.B. 1929, Iowa State Teachers College
 D.C. A.M. 1943, University of Florida

Fahney, John William
 Fagen, Gilbert R.
 Fain, Dena Mae
 Fain, Seymour Burton
 Fair, Emil Coltrell
 Fair, Martin Robert
 Fair, Robert James
 Fair, Thomas Francis, Jr.
 Fairchild, John Cyrus
 Fairfield, Dean Elburn
 Faison, Edmund Winston
 Faison, Walter Emerson
 Falatko, Thomas Stephen
 Falconer, Hugh Converse
 Fales, Warren Dexter
 Falk, Florence
 Falk, Gerald
 Falk, Morris
 Falk, Stephen Ackley
 Falk, Sydney Westervelt
 Falkenhainer, Frank George
 Falkinburn, Francis Clarence
 Falkinburn, Harry James
 Fall, Robert Franklin
 Fallon, Thomas Lee
 Fallon, Elizabeth L.
 Fallon, James Hugh
 Famalette, Solius Anthony
 Fan, Chia Chao
 Fan, Hao
 Fann, Tien Chen
 Fanyet, Louis Alfred
 A.B. 1930, Rutgers University
 Fant, Stanley Livingston
 Farber, Betty A.
 Farris, Zella Beatrice
 A.B. 1923, Baylor University
 A.M. 1931, The George Washington
 University
 Farkas, Howard
 Farley, Philip John
 Farmer, Garland Roscoe, Jr.
 A.B. 1944, University of Texas
 Farquharson, Sor Wahle
 Farrall, Cynthia Terrell
 Farran, Dorothy Stowe
 Farrell, Albert B.
 A.B. 1937, University of Missouri

Va. Faustman, Don Milton
 Va. Fautaux, Blanche Diana
 Miss. Favarella, Flodie Paul
 D.C. Favin, Florence
 D.C. Fay, Elmer Royal, Jr.
 D.C. Fay, Eunice Cornelia
 D.C. Fay, William T.
 D.C. Faye, Paul H.
 Mass. Feagan, Eugene Riley
 Ky. Fearey, Robert Appleton
 A.B. 1941, Harvard University
 D.C. Fearey, Shirley Granum
 D.C. Featherstonhaugh, Arthur Cambroune
 D.C. Featherstonhaugh, Marcia Jane
 A.B. 1946, The George Washington
 University
 D.C. Feder, Joseph Brown
 B.S. in E.E. 1917, Purdue University
 D.C. Federle, Jesse Alan
 D.C. Federline, Francis Everett
 Minn. Fedora, Walter Ernest
 D.C. Fedrizzi, Esther D.
 D.C. Fedrizzi, Victor Joseph
 D.C. Fedt, Donald Nels
 B.S. 1945, University of South Dakota
 D.C. Feeney, Jerry Timothy
 D.C. Feeney, Joseph Francis
 D.C. Fehl, Ruth Jenette
 D.C. Fehman, Ethel Catherine
 D.C. Fesh, Charles William, Jr.
 D.C. Femeold, Morton Charlow
 D.C. Feinstein, Pearl Joy
 D.C. Feissner, John Edward, Jr.
 N.J. Feld, Arthur Sidney
 A.B. 1940, New York University
 D.C. Feld, Gerald Marvin
 Ill. Felder, Clarice Rose
 N.Y. Feldman, David
 D.C. Feldman, Grace Rae
 D.C. Feldman, Leon
 A.B. 1941, Brooklyn College
 D.C. Feldman, Melville William
 A.B. 1941, The George Washington
 University
 D.C. Feldman, Melvin Martin
 D.C. Feldman, Roberta
 D.C. Feldman, Rosetta
 B.S. 1935, Johns Hopkins University
 D.C. A.M. 1940, The George Washington
 University

Va.

Pa.

Belgium

D.C.

Okl.

D.C.

Fla.

D.C.

Va.

Pa.

D.C.

D.C.

D.C.

D.C.

Va.

N.Y.

D.C.

Md.

D.C.

D.C.

D.C.

D.C.

Minn.

Pa.

S.D.

D.C.

Mass.

Pa.

D.C.

Va.

D.C.

D.C.

D.C.

N.Y.

D.C.

Ill.

N.Y.

D.C.

N.Y.

D.C.

D.C.

Md.

Md.

Feldman, Sadie B. B.S. 1936, Johns Hopkins University A.M. 1940, The George Washington University	Md.	Field, Leslie Field, Mary Virginia Fielding, Alice Marie Fielding, William Crane Fields, Ogden Wilson A.B. 1943, University of California	N.Y. D.C. Mass. Va. Calif.
Feldman, Sidney Harold	D.C.	Fields, Roland Carmel	N.C.
Feldman, Stanley	D.C.	Fike, Claudius Lemuel	D.C.
Feldman, Sol Robert	Md.	Fike, George Everett	Mass.
Feldman, Albert Aaron	Nebr.	Filpek, Edward Gregory	D.C.
Feldmayer, Ada Lucille	R.I.	Filipowicz, Casimir Anthony	N.Y.
Felscetti, Dominic	N.Y.	Filippone, Frank Joseph	Md.
Feller, Edwin Rogers B.M. 1939, University of Rochester	D.C.	Filippone, Joseph Stephen	D.C.
Fellers, Catherine Morrison	Wis.	Filman, Gwendolyn Rosalie	Nebr.
Fellows, Keith Harrison	Maine	Filsinger, Dorothy Lucretia B.S. 1941, Maryland State Teachers College, Frostburg	Md.
Feltman, William Albert	Va.	Filsinger, Ruth Isabel	D.C.
Felts, James H. III	D.C.	Finn, Joseph Ernest	D.C.
Fender, Ross Calvin	Nebr.	Finnemore, Ardis Woodal	D.C.
Fensterstein, Maye	Va.	Finnish, Lowell Edwin	Md.
Fenn, Raymond Henry	D.C.	Fincher, Julian Alexander	Iowa
Fenn, Dolores June	N.I.	Finders, Lee M. Leish A.B. 1943, State University of Iowa	D.C.
Fenton, Ralph Locke	D.C.	Fine, Bernard Martin	D.C.
Fenton, Richard Lee	D.C.	Fine, Harriet Norma	D.C.
Festus, Alvin Kirkwood	D.C.	Fine, Ruth	Kans.
Festus, William Howard	D.C.	Finefrack, Thelma Jacobson A.B. 1937, Southwestern College	D.C.
Fetony, Leo Nickolas	D.C.	Fink, Jules	D.C.
Fetuzzi, Gabriel Ernest B.S. 1946, Boston University	Mass.	Finkelstein, Lawrence	N.Y.
Ferguson, Burnell Anthony	D.C.	Finkelstein, Saul Louis	Pa.
Ferguson, Earl Elwyn	D.C.	Findan, Lawrence Joseph	Va.
Ferguson, Irene May	Ark.	Finlay, Helen Krog A.B. 1945, Huntingdon College	Va.
Ferguson, Jean Agnes	D.C.	Finlay, John Stewart III	Md.
Ferguson, John Alex	D.C.	Finlayson, Graham Renwick	Pa.
Ferguson, Richard Potter	D.C.	Finley, Catherine Marie A.B. 1936, College Misericordia	D.C.
Ferguson, Talbot	Va.	Finnell, Donald Edward	Va.
Ferguson, Wilfred Julian	D.C.	Finney, Dinkus S.	D.C.
Ferguson, William Richard	D.C.	Finney, Robert Ross	Ariz.
Fernald, Charles Albert A.B. 1944, Ohio State University	Iowa	Finney, Robert Sawyer	D.C.
Fernald, Llewellyn Keene	Va.	Finney, Wilford Wayne	D.C.
Fernandez, Claude Emmannel B.S. 1930, LL.B. 1933, Louisiana State University	Pa.	Finnie, F. Ruth A.B., A.M. 1929, The George Wash- ington University	D.C.
Fernandez, Orman Brown, Jr.	Maine	Finten, Alice Jane	D.C.
Fernandez, Samuel Edgar, Jr.	Va.	Finkel, Jacob Peter	D.C.
Fernandez, Ruth Charlotte	N.J.	Fioramonti, Mary Claire	Mass.
Ferrara, Guimard	N.J.	Fiore, John Michael B.S. 1944, Massachusetts Institute of Technology	Va.
Ferraro, John Joseph	D.C.	Firsht, Peter H. B.S. 1941, Drexel Institute of Tech- nology	D.C.
Ferraro, Itha Henrietta	Pa.	Fischer, Floyd George	D.C.
Ferraro, Laurence Eugene	Calif.	Fischer, Harry Carl	Md.
Ferrill, Barbara Ann	D.C.	Fischer, Noell Leroy	N.Y.
Ferris, Robert Tirrell	D.C.	Fischer, Sidney A.B. 1944, Brooklyn College	Pa.
Ferrill, Dale Ray	Okla.	Fischman, Morton	Minn.
Ferris, Grace Cecelia	R.I.	Fisette, James Joseph	D.C.
Ferry, Chalmers W. B.S. 1943, Mt. Union College	Ohio	Fish, Joanne Margaret	D.C.
Ferry, Charles Henry	D.C.	Fishe, Stephen Sidney A.B. 1941, The George Washington University	Va.
Ferry, John Paul A.B. 1937, B.S. 1938, St. Josephs College	Pa.	Fisher, Ann Katherine	Ohio
Ferry, Mary Ellen	D.C.	Fisher, Carl William	D.C.
Fessler, Raymond Francis	Iowa	Fisher, Edward George, Jr.	Pa.
Fetter, H. Wallace Kermit	Pa.	Fisher, Eleanor Claire	N.C.
Fetterstein, Maye	Va.	Fisher, Elizabeth Pearl	Va.
Fey, George William	D.C.	Fisher, George Harrison	
Fey, George William A.B. 1941, University of Kansas	Kans.		
Feyette, Bryno John	Va.		
Fey, Henry Benjamin	Va.		
Fick, Barbara	Va.		
Fick, James Henry	D.C.		
Fick, Lawrence Irving B.S. 1935, Chem. Eng. 1936, College of the City of New York	Pa.		

Fisher, Grace Charlotte A.B. 1946, Gettysburg College	D.C.	Fleishman, Leonard	N.Y.
Fisher, John Edward	D.C.	Fleming, Charles A.	Va.
Fisher, John Thomas	Md.	A.B. 1938, State University of Iowa	
Fisher, Kurt Fritz	N.J.	LL.B. 1941, Georgetown University	Mass.
Fisher, Marilouise	Pa.	Fleming, Ellen Cornelia	Va.
Fisher, Marian Louise	Mich.	Fleming, Gerald Richard, Jr.	Tenn.
Fisher, Mary Louise	Md.	Fleming, Irby Wilson	D.C.
B.S. 1942, State University of Iowa		Fleming, Lester Leroy	N.J.
Fisher, Richard Joseph	Ohio	Fleming, Mary Alice	Ohio
Fisher, Robert Edwin	D.C.	Fleming, Robert Moorehouse	Va.
B.S. 1945, University of Michigan		Fletcher, Bennie Lyle, Jr.	Md.
Fisher, Ruth Elouise	D.C.	Fletcher, Darrell Wade	Va.
Fisher, Sydney Gilbert	Va.	Fletcher, Forest, Jr.	Va.
B.S. 1940, United States Military Academy		Fletcher, Gordon Arthur	D.C.
Fisk, Anna Rebekah	Va.	Fletcher, John Milton	
Fischer, Yanina	D.C.	B.S. 1936, Wilson Teachers College	Fla.
Fite, Paul Norman	D.C.	A.M. 1940, Columbia University	N.Y.
Fitz, Geraldine Marie	Md.	Fletcher, Lloyd Lee	Va.
Fitton, Harvey Nelson, Jr.	Va.	Flexer, Morton	Kent.
Fitts, Oscar Blaine	Va.	Flickinger, Dwight Charles	Ga.
Fitzgerald, Charles Gerard	N.H.	Flickinger, William Bruce	D.C.
A.B. 1941, College of the Holy Cross		Flint, Martha Kathryn	W.Va.
Fitzgerald, David Tarrant	D.C.	Flint, Otis Russell	
Fitzgerald, David William	D.C.	Flint, Delbert Harrison	W.Va.
B.S. in C.E. 1932, University of Michigan		A.B. 1930, Salem College	Md.
Fitzgerald, Ellen L. Patrick	Conn.	Fliiss, Richard Konrad	D.C.
Fitzgerald, Helen Julia	Mass.	Floegel, Merle Ernest	
A.B. 1942, Regis College, Mass.		Flood, Margaret Madonna	
Fitzgerald, Jack Phillips	N.C.	A.B. 1944, The George Washington University	D.C.
Fitzgerald, John Patrick	Va.	Flood, Thomas Hayes	
Fitzgerald, John Pershing	Ill.	B.S. in Ed. 1934, State Teachers College, Buffalo	Va.
B.S. 1941, The George Washington University		Flood, Meredith Austin	Ohio
Fitzgerald, Lawrence Paul	Va.	A.B. 1932, University of Maryland	
Fitzgerald, Wilmot Herman	Pa.	Flood, Marvin Hubert	Ind.
Fitzpatrick, Alice Ward	D.C.	C.E. 1934, University of Cincinnati	
Fitzpatrick, Thomas Edward	D.C.	Florence, Jack Milton	
Fitzpatrick, William Arthur	D.C.	B.S. 1936, Indiana State Teachers College	Va.
Ph.B. 1932, Canisius College		Flowers, Alonzo Marshall	Mass.
Fitzpatrick, William Augustus	Md.	Flowers, Carl Vincent	D.C.
Fitzsimmons, James E.	D.C.	Floyd, Charles Howard	Kent.
Fitzsimmons, James William	N.Y.	Floyd, Hazel Charlene	D.C.
M.E. 1942, Polytechnic Institute of Brooklyn		Floyd, John Phillip	Tex.
Fitzwater, Lawson Lawrence	D.C.	Floyd, Julian J.	D.C.
Flack, Chester	Va.	Floyd, Luther Buran	D.C.
Flack, William Marshall	Tenn.	Flynn, Alfred Filer, Jr.	
Flaherty, John Bryan, Jr.	Mass.	Flynn, Joseph Henry	
B.S. in E.E. 1944, Northwestern University		B.S. 1943, Georgetown University	Ohio
Flaherty, Willard Roger, Jr.	D.C.	Flynn, Joseph John	N.Y.
Flakoll, Darwin J.	Calif.	Flynn, Laurence Brensen	D.C.
A.B. 1945, San Diego State College		Flynn, Lyman Paul	
Flakowicz, Karol	N.Y.	B.S. 1934, State Teachers College, Oshkosh, Wis.	N.C.
Flanagan, Charles Wyndham	D.C.	Flemt, Dorothy Elizabeth	Ky.
A.B. 1930, Pennsylvania State College		Folbe, Charles Joseph	W.Va.
Flanders, Robert Lee	Tex.	Foeller, Paul Francis	D.C.
Flanke, Daisy Cecile	D.C.	Fogarty, Edward Joseph	D.C.
Flannagan, John William III	Va.	Fogarty, Thomas Patrick	
Flannery, John Joseph	D.C.	A.B. 1945, The George Washington University	D.C.
Flatequal, Arthur Marvin	D.C.	Fogelgren, Agnes Marie	Ky.
Flather, Alfred Chester	D.C.	Foole, LaNelle	Va.
Flato, Matthew	D.C.	Fohrmann, Ernest Frederick	Ind.
Flax, Miriam Audrey	N.Y.	Foland, Io-Anne	D.C.
Flecknoe, Harold Joseph	D.C.	Foley, George Vincent	D.C.
Fleetwood, George Harlan	Del.	Foley, James Kieran	D.C.
Fleisal, Martin Good	Pa.	Foley, Michael E.	D.C.
B.S. 1940, State Teachers College, Westchester, Pa.		Foley, Thomas Emmett	D.C.
Fleishell, William S.	D.C.	Foley, Walter Allen	Va.
Fleishman, Irving	D.C.	Folk, Craig Leman	

Winston, R. K.	Tenn.	Foster, Earl, Jr.	Okla.
B.S. 1929, United States Naval Academy		A.B. 1917, LL.B. 1946, University of Oklahoma	
Fols, Kenneth Hemke	D.C.	Foster, James Patrick	Ohio
Fols, Patricia Ann	La.	Foster, Mabel	Va.
Fols, Joseph Carl	D.C.	Foster, Oran, Virginia	Va.
Foss, Oleg Borisovich	D.C.	Foster, Robert Russell	Ohio
Foss, Oleg Borisovich	D.C.	Foster, Robert William, Jr.	D.C.
Foss, Albert Parson	Va.	B.S. 1939, Wilson Teachers College	
A.B. 1941, Western Reserve University		Foster, Sillie Hart	Md.
Foss, Randall Pittman	D.C.	Foster, Sylvia Elizabeth	D.C.
Foss, Cereba Lu Kiu	Hawaii	Foster, William Hecker	D.C.
Foss, Tom Lawrence	N.Y.	Foster, William John	Md.
Foss, Guy Edward	N.Y.	Foster, Wilma Oetene	Ala.
Foss, Andrew E.	D.C.	Foss, Abiel Earl	D.C.
Foss, Abraham	N.Y.	Fottrell, John Francis	D.C.
B.S. 1947, College of the City of New York		B.S. 1941, New York University	Va.
Foss, Kenneth Charles	Mass.	Foulke, James Edwin	R.I.
A.B. 1938, Brown University		Foulon, Robert Cartwright	
Foss, Vernon Stuart, Jr.	Va.	B.S. 1942, University of Illinois	Maine
Foss, Eric Bernard	N.Y.	Fournier, Roland M.	N.Y.
Foss, Ernest Budwell	Minn.	Fournier, William Leonard	
Foss, Rebekah Jean	Va.	A.B. 1946, Shepherd College	
Foss, James Evans	Md.	Foust, Leslie Robert	Va.
Foss, Ann Childress	D.C.	Foust, Norma Yvonne	D.C.
Ford, Avis Christine	Tex.	Fowler, Delora Leanne	D.C.
A.B. 1940, Clarke College		Fowler, Jessie Lorraine	D.C.
Ford, Evelyn Jean	W.Va.	Fowler, Joseph Gilbert	D.C.
Ford, James Thomas	D.C.	Fowler, Mary Catherine	Mont.
Ford, Robert Nelson	D.C.	A.B. 1941, University of Minnesota	
Ford, William Everett	Tex.	Fowler, Philip Edward	D.C.
A.B. 1941, Agricultural and Mechanical College of Texas		Fowler, William F.	Md.
J.D. 1947, Loyola University		Fox, Eleanor Jean	Ohio
Fordham, Frank James	D.C.	Fox, Margaret Helen	D.C.
Fordham, Edward C.	D.C.	Fox, Saul Aaron	D.C.
Fordham, Cynthia	D.C.	Fox, William Allan	D.C.
Ford, John Joseph	N.I.	Foxworth, Rebecca Ann	Miss.
Ford, Margaret Morrow	N.Y.	Fraber, Joseph Drew	D.C.
A.B. 1946, Radcliffe College		Frabm, William Junior	D.C.
Fordman, LaVon S.	Ind.	France, Sarah Catherine	Va.
B.S. 1941, Ball State Teachers College		A.B. 1940, University of Missouri	D.C.
Fordner, Leone Prochnow	Wis.	Francis, Gladys Lucille	N.Y.
B.S. 1945, The George Washington University		Francis, Milton John	N.Y.
Fordner, Edward	Va.	Francis, Warren Thomas	
A.B. 1942, College of the City of New York		B.S. in Chem. Eng. 1945, Bucknell University	
Fordner, Leonard	N.Y.	Francis, William McCafferty	Va.
B.S. 1949, College of the City of New York		Frank, Arnold R.	Md.
Fordner, Theodore	N.I.	A.B. 1926, A.M. 1928, Johns Hopkins University	
Fordner, Joseph Thomas	W.Va.	Frank, Iowa Lucille	D.C.
Fordner, Herbert Emerson	N.Y.	Frank, Phyllis Maureen	D.C.
Fordner, Hollis	D.C.	Frank, Townsend Sterling	N.Y.
Fordner, Nancy Beverne	N.Y.	Frankel, Abraham	
A.B. 1944, Antioch College		B.S. 1944, Brooklyn College	D.C.
Fordner, Robert Peareh	Conn.	B.M.E. 1941, Cooper Union	Mass.
Fordner, G. G. G. G.	D.C.	Franklin, Benjamin Arthur	Md.
D.D.S. M.D.S. 1945, University of Pennsylvania		Franklin, Benjamin Rogers	Ind.
Fordner, Robert Dwight	Okla.	Franklin, Joseph Gordon	D.C.
Fordner, Hyman	N.Y.	Franklin, Mary Leanne	Tex.
A.B. 1948, M.S. 1948, College of the City of New York		Franklin, Nancy	D.C.
H.B. 1941, Fordham University	Calif.	Franklin, Verna Dale	D.C.
Fordner, Clifton Bowman	Pa.	Franklin, Wanda Lapp	D.C.
Fordner, Paul Eugene	D.C.	Franklin, Kathryn	Va.
Fordner, I. Templeton	D.C.	Franklin, Carl Adrian	Mo.
Fordner, Sallie Bacon	Va.	Franklin, LeVerne Adrelle	D.C.
Fordner, Myron Hal		Franklin, Andrew	
		B.S. 1944, St. Andrew's University	
		A.M. 1946, The George Washington University	
		Fraser, John Alexander	Ohio
		Fraser, Margaret Ann	W.Va.
		Fraser, Robert Carson	Va.

Frasier, Jean Marjorie	Va.	Fried, Alvin Bartlett	NY
Fratt, Nicholas Dillei	D.C.	Fried, Edward Robert	NY
Fravenheim, Gilbert Joseph	D.C.	A.B. 1941, University of Michigan	NY
Frazee, Murray Bennett, Jr.	Pa.	Friedlander, Harold	
B.S. 1919, United States Naval Academy		B.S. 1914, College of the City of New York	
Frazer, Elizabeth Jane	Ohio	A.M. 1919, The George Washington University	Va.
Frazier, Ann Kimesey	Ga.	Friedline, George Jonathan	N.Y.
Frazier, Edward Cepes	D.C.	Friedman, Bertram	Pa.
A.B. 1916, Wilson Teachers College		Friedman, Evelyn Lea	D.C.
Frazier, Mary Virginia	D.C.	Friedman, Gerald	P.
Freas, William John, Jr.	D.C.	Friedman, Irving	N.J.
Frech, Donald	D.C.	Friedman, Martin Leonard	
Frechtman, Miriam Isenman	Mass.	A.B. 1919, Rutgers University	Va.
Frederick, William Fulton	D.C.	Friedman, Milton Abraham	N.Y.
Friederickson, Fernie Oscar	S.D.	Friedman, Murray	D.C.
Friedland, Robert Richard	Va.	Friedman, Robert Summers	Md.
Freed, Aleck	D.C.	Friedman, Seymour Jack	N.Y.
Freed, Fred P.	Mass.	Friedman, Sidney	
Friedenberg, Marvin	D.C.	A.B. 1919, Brooklyn College	D.C.
Friedman, Heshel Eugene	N.J.	Friedman, Sol	D.C.
Friedman, Loretta	D.C.	Friedrich, George Emil	Va.
Friedman, Norman Bernard	N.Y.	Frier, Lane Roberts	D.C.
Friedland, Ralph Lynn, Jr.	Va.	Friend, Louise Jeffreys	Vi.
A.B. 1919, M.E. 1941, Stanford University		Friend, Norman Harold	W.
Freeman, Aaron Elliott	Va.	Frier, James Henry	Pa.
Freeman, Franklin	D.C.	Friedmoed, David B.	D.C.
Freeman, James Thomas	Mass.	Fry, Rose Marie	Pa.
Freeman, John Middleton	W.Va.	Frisbie, John McDermott	D.C.
Freeman, Lawrence Dudley	Mass.	Frischmann, Donald William	
Freeman, Marjorie Virginia	Dal.	B.S. 1942, State Teachers College, Indiana, Pa.	D.C.
Freeman, Mary Blanche	N.C.	Frishman, Abe Hyman	D.C.
A.B. 1944, Woman's College of the University of North Carolina		Frishman, Karl Herbert	D.C.
Freeman, Mary Eleanor	D.C.	Frishman, Kenneth Irvan	Pa.
Freeman, Merritt Emery	D.C.	Fritchman, Thelma Alice	Vi.
Freeman, Robert M.	N.Y.	Frith, James Robert	
B.E.E. 1914, College of the City of New York		A.B. A.M. 1910, Bucknell University	Va.
Freeman, William Clarence	D.C.	Froelich, Clifford Passa	
Freer, Barry Sullivan	Ohio	A.B. 1915, Macalester College	Ind.
Freer, Jacobson Alice	Md.	A.M. 1919, University of Minnesota	
Freese, Herbert Allan, Jr.	N.J.	Froelich, Kathryn	Pa.
Freese, R. Della Alice	D.C.	A.B. 1942, Evansville College	Kent.
Freeman, Marie	Va.	Frishman, Mary Sutterle	Ind.
Freeman, Ruth Kiefer	D.C.	Fromme, Myra Proline	Va.
Freestadt, Sonra Esther	D.C.	Frost, John Dean	N.Y.
Freeds, Theodore	N.Y.	Frost, Thomas Meikle	Pa.
A.B. 1918, Princeton University		Franken, Albert	D.C.
L.L.B. 1942, Harvard University		Frotchev, Clayton Allen	D.C.
French, William Thomas	D.C.	Fry, Ernest William	D.C.
B.Chem. Eng. 1943, University of Florida		Fry, Eugene Nathan	D.C.
Freesch, William Edward	Md.	Fry, Gorman Dean	D.C.
Freseman, Phyllis Langhitt	D.C.	Fry, Nancy	D.C.
Fresh, John Norman	Va.	Fryer, Dorothea Constance	Ill.
Froeliman, Arthur Samuel	Calif.	Fuchs, John Edward, Jr.	
Fretz, Joseph	Va.	Fuchs, William Francis	
Freudberg, Richard Lee	D.C.	Fuerst, Jimmy Stern	
Freundel, Milton	N.Y.	A.B. 1937, New York University	Md.
Frey, Florence Fox	Va.	A.M. 1941, University of Chicago	D.C.
Frey, Kathryn Helen	Oreg.	Fulcher, Robert Clinton	D.C.
Frey, Lewis Leslie	D.C.	Fuller, Barbara F.	
Frey, Quentin Victor, Jr.	Pa.	Fuller, Bruce Kramer	
Frey, Virgil Edward	Pa.	A.B. 1936, Harvard University	Ill.
Frauf, Helen Cox	Va.	A.M. 1941, The George Washington University	
Frick, Josephine Elizabeth	Tex.	Fuller, Douglas Raymond	
Frick, Robert Floyd	D.C.	A.B. 1928, M.B.A. 1930, Stanford University	D.C.
Friday, Edith Marguerite	Pa.	Fuller, Frank Gardner	
Friday, John Ralph	N.C.	B.S. 1930, Aurora College	Okla.
Fridell, Roland	D.C.	Fuller, Joe Ed	
Fried, Alfred Sigmund	D.C.		

Feller, Stuart Jamieson	Va.	Gallington, Ralph Ora	D.C.
F.S. 1941, Rensselaer Polytechnic Institute		B.S. 1931, Indiana State Teachers College	
Fulmer, Patricia Ann	D.C.	A.M. 1937, Columbia University	
Fulton, LeRoy Edger	Calif.	Gallo, Raphael Edmund	N.Y.
Fulton, William Stewart	Calif.	Galloway, Esther Augustine	N.C.
Fults, Bruce M.	D.C.	Galloway, Samuel Francis	Md.
Fultz, Robert Paul, Jr.	D.C.	Gallup, Elizabeth Hale	D.C.
Funderbunk, Charles Wade	Va.	Gallper, Robert	D.C.
Funk, James Samuel	D.C.	Galt, Lowell Truman	Md.
Funk, Richard Hodges	Pa.	A.B. 1913, Coe College	
Funkhouser, Albert Carson	Va.	Galvin, Ellen	Md.
Funkhouser, Robert Elmer	Va.	A.B. 1946, Vassar College	
Funt, Tobias	Mo.	Galvin, Louise I.	D.C.
A.B. 1918, University of Missouri		Gumache, John Arthur	Mich.
Furber, Mildred	Mass.	Gumberg, David	D.C.
Furey, Joseph Carroll	Md.	Gamball, Dora Frances	Ark.
Furman, Eugene Marvin	D.C.	Gambosa, Pearl Grace	P.I.
Furman, Paul Larry	D.C.	Gamwell, Stephen Edward	Oreg.
Furr, Edward Branson	D.C.	Gancy, Aloysius Joseph, Sr.	D.C.
Furr, Harry William	D.C.	Gange, Helen Magdalena	Va.
Furdon, Doris Rogers	D.C.	Gantev, John Leo, Jr.	D.C.
Furdon, Robert Henry	Va.	Gantz, Gertrude Soule	Md.
Fusan, Ernest Coleman	D.C.	Garber, Alvin Josiah	Conn.
B.S. in M.E. 1940, University of Pittsburgh	Pa.	B.S. 1913, M.S. 1938, Massachusetts Institute of Technology	
Futovsky, Charles	D.C.	Garber, Harold	N.J.
Futerman, Salney	Md.	Garcia, Antonio	N.Y.
Futerman, Joseph	N.Y.	Garcia, Barbara Ann	Md.
B.S. M.S. 1946, College of the City of New York		Garcia, Manuel Gilberto	Ariz.
James, Lawrence Leo	D.C.	Garcia, Maria Delouides	D.C.
		Garcia Rivera, Arturo Ramon	P.R.
		Garcia, Robert	D.C.
G		Garcia, Thomas Gapsin	D.C.
Gable, Richard Bennitt	S.C.	A.B. 1914, University of Redlands	
Gable, Robert Barth	Pa.	Gardner, Benjamin H.	D.C.
Gabin, Henry	D.C.	Gardner, Blanche Lamar	Ala.
B.S. 1944, Long Island University		Gardner, Edith Rose	Va.
Gacy, George Joseph	Ohio	A.B. 1941, University of California	
Gadless, Dorothy Quincy	Va.	Gardner, Leland Grosier	Mich.
Gadner, Richard Greenlaw	D.C.	LL.B. 1914, A.M. 1940, University of Michigan	
Gadner, Robert Montague	D.C.	Gardner, Marshall Closson	D.C.
Gadson, Henry, Jr.	D.C.	B.S. 1941, The George Washington University	
Gad, Daniel R.	Va.	Gardner, Robert Merrill	Mass.
A.B. 1946, Valparaiso University		Gardner, Ronald MacGregor	Fla.
Gates, John Wesley	Ky.	Gardner, Sophia Schneider	Va.
B.S. in M.E. 1942, University of Kentucky		B.S. 1916, New York University	
Gates, William Embrey	D.C.	Gardner, Spencer Delos	Mich.
Gates, William Marion	D.C.	Gardner, Virginia Mason	Va.
Ganey, Burns Allen	D.C.	Gardner, Warren	Md.
Gautier, Ruth Jean	Ky.	Gardocki, Joseph Francis	N.Y.
Gale, James Parker	Md.	Gareau, Rudolph	Mass.
Galgano, Charles Joseph	D.C.	B.M.E. 1946, The George Washington University	
Gale, Victor	W.Va.	Garey, Anne Harriman	D.C.
Gall, Angus Hamilton	D.C.	Garfield, Elvin Burris	Utah
Gallagher, Bernard Francis	D.C.	Garfinkle, Melvin	D.C.
Gallagher, Elsie Jane	Va.	Garman, Fredie Patrick	N.J.
Gallagher, Frank Joseph	D.C.	Gargos, Ellen Clare	D.C.
Gallagher, Harriet Blanch	D.C.	Gargus, James Leon	D.C.
Gallagher, Joseph Matthew	D.C.	Garnepv, Clarence Walter	Mass.
B.S. 1941, The George Washington University		Garmann, Leathy May	Fla.
Gallagher, Paul Martin	Mass.	Garner, Hugh Carlyle	Utah
Gallagher, William Bryant	D.C.	A.B. 1941, Brigham Young University	
Gallahan, Betty Jane	D.C.	Garner, John Daniel, Jr.	D.C.
Gallagher, Antone Renkl	Va.	Garner, Louis Eugene, Jr.	Va.
B.S. 1913, United States Naval Academy		Garner, Mary Martin	Ark.
Gallian, Mary Louisa	Va.	LL.B. 1942, The George Washington University	
B.S. 1944, Regis College		Garnett, Carroll Marion	Va.
Gallant, Arthur	N.Y.	Garnett, James Harper	D.C.
Gallenstein, Leo Jacob	D.C.		
Gallene, Albert William	Mo.		

Garnett, Carrol Marion	Va.	Geiger, John Hermann	Va.
Garofalo, Paul Charles	Va.	A.B. 1928, The George Washington	Va.
Garrett, Anthony Matthew, Jr.	N.C.	University	
Garrett, Gill Melville	D.C.	Geiger, Laverne David	
Garrett, Marie Gertrude	N.Y.	A.B. 1932, Bluffton College	
Garrett, Patricia Ann	D.C.	A.M. 1938, Ohio State University	
Garrett, Paul Weatherly	D.C.	Geiger, Lester Henry	
Garrett, Ralph Henry	D.C.	B.S. in E.E. 1937, Georgia School of	
Garrett, Vernon Wallace	D.C.	Technology	
Garrigan, Myles Robert	N.J.	Geigle, Ralph Calvin	
Garriques, Frances Eileen	D.C.	A.B. 1935, Susquehanna University	
Garrison, Lynn Willard	Md.	A.M. 1940, Columbia University	
Garrity, Patricia Cummings	D.C.	Geisel, Magdalena Ruth	
A.B. 1940, College of New Rochelle		Geisel, Jesse Browning	
Gartland, Georgia Eleanor	W.Va.	Geisse, Nancy Claire	
Gartner, Walter Bertram	D.C.	B.S. 1946, Pennsylvania State	
Garver, George F.	D.C.	College	
Garver, Lillian M. Gaye	D.C.	Geissler, Felix Dietzmann	
Garziglia, Bernard John	D.C.	A.B. 1941, Lehighburg College	
Garwood, Emily Joan	Ark.	Geist, John Henry	
Gase, Lucy Sasser	Md.	Gelker, Paul Abraham	
A.B. 1937, Sweet Briar College		Gelland, Sydney S.	
Gash, Seymour Herbert	Mass.	Geller, Irving	
Gaskell, Frank Lawrence	N.H.	Gelles, Marvin Irving	
Gaskill, Georgia Irving	D.C.	Gellman, Arthur Sidney	
Gaskins, Franklin J.	D.C.	Gelso, Samuel Theodore	
Gaskins, Richard Hancock	D.C.	Gemmell, William Billings, Jr.	
Gaskins, William Payne	D.C.	Genza, Theodore Anthony	
Gasner, Wilbur Francis	N.Y.	Geiselman, Milton Samuel	
B.S. 1941, United States Naval		Generally, Richard Fleury	
Academy		Genzel, Audrey Dodge	
Gasparovic, Clara Apolina	Mich.	Genzer, Ruth Lee	
Gass, Louis	D.C.	Gentile, Gus Augustine	
Gately, Thomas Fabian	Mass.	Gentili, Andromache G.	
A.B. 1948, Boston College		Gentile, Eva Elaine	
A.M. 1941, Harvard University		Gentry, Arva E., Jr.	
Gates, Doris S.	La.	Gentry, Bernard Wilson	
B.S. 1946, Louisiana State University		Gentry, Marguerite Wallace	
Gates, Mark Moses	Va.	Gentry, William Wee	
Gates, Mary Margaret	D.C.	Geare, Phyllis Grace	
Gates, Nelson	Pa.	Geatze, Alethea	
Gaughan, John Vincent	D.C.	George, Charlotte Star	
A.B. 1942, Villanova College		George, Desmond Alvis	
Gaudier, Edward A.	N.J.	B.S. 1941, Stephen F. Austin State	
B.S.F. 1940, University of Michigan		Teachers College	
Gaunt, Virginia Drake	Va.	George, George Ezekiel	
Gaveski, Nick Joseph	Mont.	A.B. 1943, Harvard University	
Gavuski, John James	Pa.	George, Harry Clair	
Gazelle, Andrew	Pa.	B.S. 1944, Mount Union College	
Gazella, Martha	Pa.	George, Jean Marjorie	
B.S. 1945, Marywood College		George, Richard Bennett	
Gazsi, Victor Daniel	D.C.	George, Robert B.	
Gearheart, Ernest Theodore, Jr.	Va.	B.S. 1946, Bucknell University	
A.B. 1946, University of Richmond		George, Thomas Edwards, Jr.	
Gedney, Plater Taylor	D.C.	George, William C.	
Gee, Edwin Austin	D.C.	A.B. 1946, The George Washington	
B.S. 1941, M.S. 1944, The George		University	
Washington University		Georgeson, Helen Carolyn	
Gee, Genevieve Richard	Pa.	Georgeson, James Demetrios	
Geer, Elizabeth Dantzer	D.C.	Georgievitch, Theodore Alexander	
A.B. 1943, Sweet Briar College		Georgian, Anastase	
Gehrman, Charles Phillip		Gernath, Steve George	
Gibbel, Roger Schwartz	Md.	Gesher, Solomon I.	
B.S. 1944, Tulane University of	Tex.	B.C.E. 1940, The George Washington	
Louisiana		University	
Geier, Conrad Schroeder, Jr.	Va.	Gierke, Albert Bernard	
Geier, Paul Henderson	D.C.	Gerhard, Edmund Joseph	
Geiger, Edward Burns	Md.	Gerhold, William Franklin	
B.S. 1936, The George Washington		Germer, Elmer Lam	
University		Germonier, Melvin George	
Geiger, George Joseph	D.C.	Germay, Demosthenes James	

Gerenson, Leo Eli	D.C.	Gilfix, Roy Hart	Md.
B.S. 1942, College of the City of New York		B.S. 1944, University of Maryland	N.Y.
Gessner, Elaine	D.C.	Gillford, Leon	Va.
A.B. 1945, Pennsylvania State College		A.B. 1910, Brooklyn College	
Gerstenfeld, Ann Helen	D.C.	Gilkey, Earle Will	Va.
Gerstin, Marvin Joel	D.C.	A.B. 1918, A.M. 1940, The George Washington University	
Gervasio, James Robert	N.J.	Gill, Grover, Bachs, Jr.	Va.
Gerwick, James Joseph	D.C.	Gill, Jean Marie	D.C.
Getter, Frank Harry	Pa.	Gill, John Warden	D.C.
Gettys, Paul Denning	D.C.	Gill, Robert James	Calif.
Gettys, Richard Forsyth	W.Va.	Gill, Roy Glasgow	Okla.
Geyer, Duane Smithwick	S.C.	A.B. 1917, University of Oklahoma	
Geyer, Wallace Albert	Md.	L.L.B. 1946, Yale University	
Ghesling, William Marvin	D.C.	Gillard, William Henry	D.C.
Ghetzu, Christine	Va.	Gillelan, Martin Edwood	Tex.
Ghitman, Edward Adolph	Rumania	Gilleo, M. Altem	Mich.
Ghozlan, Mohamed Ibrahim	N.Y.	B.S.E. 1944, University of Michigan	
L.L.B. 1941, Farouk University	Egypt	Gillespie, Elizabeth	D.C.
Gibbons, Charles D.	N.J.	Gillespie, James C.	Kans.
Gibbons, Della Sue	Va.	Gillespie, Rees Bowen	D.C.
Gibbs, Joyce Helene	D.C.	Gillette, Edith Cowan	Okla.
Gibbs, Charles Boyd	Ark.	Gillette, Warren	Va.
Gibbs, Clarence Joseph, Jr.	D.C.	B.S. 1942, California Institute of Technology	
Gibbs, John William	N.J.	Gilliam, Frank Peter	D.C.
Gibbs, Julian Glenwood	Md.	B.M.F. 1947, Catholic University of America	
Gibbs, Ray Allison, Jr.	Va.	Gilliam, Homer	Va.
Gibbs, Richard DeArmond	D.C.	Gillman, Malcolm Daniel	D.C.
Gibbs, Robert H.	D.C.	Gillis, Beatrice V.	N.Y.
B.S. 1942, Appalachian State Teachers College		Gillis, Harry Arthur, Jr.	D.C.
Gibbs, Verne Wesley	D.C.	A.B. 1942, Ohio Wesleyan University	
Giblette, John Franklin	Minn.	Gillman, Robert David	D.C.
Gibson, Elise McLaurin	N.C.	A.B. 1949, B.M. 1940, Yale University	
Gibson, Ervin Dewitt	Ill.	A.M. 1945, Columbia University	
A.B. 1927, Northeastern University		Gills, Louis Catlin	Va.
Gibson, Franklin Pierce	Va.	Gillum, Edsie Althea	Va.
Gibson, James Wallace	Va.	Gilman, Charles Francis	Pa.
B.S. 1941, Hampden-Sydney College		Gilman, Elizabeth M.	D.C.
Gibson, John Stanley, Jr.	D.C.	Gilmore, Barbara Anne	Md.
Gibson, Lucille Hill	Va.	A.B. 1944, Hood College	
Gibson, Paul	D.C.	Gilmre, Frank Peter	Ill.
Gibson, Philip Aden	Ill.	B.S. 1927, M.D. 1930, Loyola University	
Gibson, Stephen William	Va.	Gilmore, George Weber	Mo.
Gibson, William Wilson, Jr.	D.C.	Gilroy, Lillian Rebecca	Ala.
Gibson, Ernest	Md.	Gimbel, Frank Xavier	N.Y.
A.B. 1925, Western Michigan College of Education		Gimbel, Shirley	D.C.
A.M. 1940, Michigan State College		Gimble, Abraham Isaac	D.C.
Gibson, Gloria	N.J.	B.S. 1947, The George Washington University	
Gibson, Merlin Ernest	Md.	Gimpel, Albert Michael	D.C.
Gibson, Ruth Toni	Calif.	Ginsell, Robert Bathour	Mich.
A.B. 1944, University of California		Ginsberg, Albert	D.C.
Gibson, Charles Frederick	D.C.	Ginsberg, William Kellner	D.C.
Gibson, Abner Culbertson	D.C.	Ginsburg, Murray	D.C.
Gibson, Daniel Anthony	Oreg.	Giordano, Anthony James	Va.
B.S. 1941, Oregon State College		B.S. in B.A. 1949, Bryant College	
Gibson, Yde Wesley	Kans.	Giosaschian, Joseph Martin	Utah
Gibson, Nancy Ida	Md.	Giovannetti, Mary Florence	D.C.
Gibson, Frederick Stewart, Jr.	Fla.	B.S. 1944, Wilson Teachers College	
Gibson, Howard	N.Y.	Giovanni, Margaret Hannah	D.C.
Gibson, Milton	Fla.	Grossman, Memner Oscar	D.C.
Gibson, Paul Edward, Jr.	D.C.	Gizang, Gordon Bridges	D.C.
Gibson, Stanley	Wis.	Gizart, Jean Josephine	Md.
Gibson, Kenneth Gordon	Md.	Gizer, Harold Walter	Mass.
A.B. 1940, Iowa State Teachers College		Gizart, Barbara Ann	Va.
Gibson, Grace Margaret	Mo.	Gizart, M. Vincent Louise	D.C.
Gibson, Walter Richard	Mo.	Gittelman, Flomar Min	N.J.
Gibson, James Charles	D.C.	Gizelman, Flomar Max	Md.
Gibson, Mary Elizabeth	Va.	Gizeta, Mary Eleanor	Md.
Gibson, Billy Charles	D.C.	Given, Roland	D.C.
Gibson, James McCracken, Jr.	Va.		

Givens, Stuart Ray	D.C.	Gnam, James Henry	Iowa
Glacy, Edward William, Jr.	Conn.	Gnash, Stephen Jefferson	Va.
Gladd, Clayton Monroe	D.C.	Gochberg, Lawrence	Conn.
Gladstone, Edward	N.Y.	Godbersen, Raymond Paul	D.C.
Glaeser, Harry William	Md.	Godhe, Gloria Swanson	D.C.
Glase, Claude Calvin	D.C.	Goddard, Barbara	D.C.
Glaser, Gerard Robert	D.C.	Goddard, James Lee	D.C.
Glaser, Stanley	N.Y.	Goddard, Janetta Haynes	Ohio
Glasgow, Isadore	N.Y.	Goddard, June Catherine	N.Y.
Glasgow, Norman Milton	Md.	Goddard, Paul Raymond	D.C.
B.S. 1943, University of Maryland		Godfrey, Raymond V.	
Glasgow, Robert I.	D.C.	B.S. 1935, State Teachers College, Buffalo	Va.
A.B. 1947, The George Washington University		Godman, John Robert	
Glaspey, Glen F.	Wash.	B.S. in E.E. 1933, B.S. in M.E. 1946, Oregon State College	Colo.
Glass, Elsie	D.C.	Godsey, Eleanor Dorette	Pa.
Glass, Jane Kitty	N.Y.	Goernink, John Rudolph	Md.
A.B. 1946, Queens College		Goff, Loyal Glenn	D.C.
Glass, Richard Pollard	Va.	Goffeng-Nielsen, Anbjorg Ording	Va.
B.S. 1919, United States Naval Academy		Goforth, George Tuttle	Md.
Glass, Thomas Samuel	Tex.	Gohibart, Mark Julian	Mass.
A.B. 1943, Tulane University of Louisiana		Gold, Abraham Melvin	D.C.
Glasscock, Carolyn Fuller	Mich.	Gold, Lewis	N.Y.
Glasscock, Thomas Ray	Tenn.	Gold, Morton Joseph	N.Y.
Glassford, Margaret Phelps	D.C.	A.B. 1940, Brooklyn College	
A.B. 1942, University of California		Goldbaum, Leo Robert	
Glassman, Gerald John	N.J.	B.S. 1934, Brooklyn College	N.Y.
Glassman, Vivian Leila	D.C.	M.S. 1938, New York University	
Glatly, Jan	D.C.	Goldberg, Cecile	
Glazener, Fred S.	N.C.	A.B. 1943, Hunter College	D.C.
Glazier, Martin	D.C.	M.S. 1944, Syracuse University	N.Y.
Glazier, Marion Herbert	D.C.	Goldberg, Charles Herbert	N.J.
Gleason, Fred Henry	Ariz.	Goldberg, David	Va.
Gleason, Frederick James, Jr.	D.C.	Goldberg, Fred	N.J.
Gleason, James Charles	D.C.	Goldberg, George Milton	D.C.
B.S. 1941, West Chester State Teachers College		Goldberg, Irving	D.C.
Gleeson, Geraldine Ann	Kans.	Goldberg, Jack	
Glenin, Leo Clarence	Ill.	Goldberg, Loretta	
Glenn, Arthur James	D.C.	A.B. 1936, New Jersey State Teachers College	D.C.
Glenn, Audrey Margaret	D.C.	Goldberg, Martin Herbert	D.C.
Glenn, Eldridge Myles	W.Va.	Goldberg, Monroe Bernard	
Glenn, James Frederick	Md.	B.S. 1938, Wilson Teachers College	
Glenn, Jean Claire	D.C.	A.M., The George Washington University	N.Y.
Glenn, John Forsyth C.	D.C.	Goldberg, Saymour	Md.
B.S.E. 1938, LL.B. 1940, University of Virginia		Goldberg, Seymour	D.C.
Glenn, Lewis Elwood	Iowa	Goldberg, Stanley	N.J.
Glenn, Rosemary	N.J.	Golden, James Lawrence	D.C.
Glennon, William Redus	N.Y.	Golden, Leopold	N.Y.
B.S. 1938, United States Naval Academy		Goldenberg, Melvin Myron	N.Y.
Glessner, John William	D.C.	Goldenberg, Murray Arthur	D.C.
Glew, Donald Henry, Jr.	D.C.	Goldenberg, Seymour	D.C.
B.S. 1945, Yale University		Goldenberg, Solomon Alcone	D.C.
Glickman, Walter	D.C.	Goldfarb, Louise Marilyn	N.Y.
Glidden, Elmer George, Jr.	D.C.	Goldfield, Selma Joan	D.C.
B.S. in A.E. 1938, Rensselaer Polytechnic Institute		Goldfish, Noah	
Glime, William Warren	D.C.	Goldin, Milton	D.C.
Glisson, Janet Maria	Va.	B.S. 1938, Brooklyn College	N.Y.
Glorius, George Thomas, Jr.	D.C.	Golding, Cornelia Diane	D.C.
Glover, Charles Burton	Okla.	Goldman, Albert Lawrence	N.Y.
Glover, Donald Jackson	D.C.	Goldman, Alfred Merton	D.C.
Glover, Sarah Elizabeth	Va.	Goldman, Jacob	D.C.
Glovinsky, Sam	N.Y.	Goldman, Samuel Zachary	N.Y.
Gloyd, Mary Caroline	D.C.	Goldman, Shirley Ruth	D.C.
Gloyd, William Cromwell	Md.	Goldsand, Ronald Howard	D.C.
Gluck, Jay Fred	N.Y.	Goldsborough, Camilla Warfield	Ill.
Gluck, Juliette	Va.	Goldsman, Faiga F.	D.C.
Glueck, Anitra Joyce	Mass.	Goldsmit, Charles Francis	D.C.
Glynn, Ernest Belter	Mass.	Goldsmit, Herbert	
		B.Chem.Eng. 1940, College of the City of New York	D.C.
		Goldsmith, Theodore Harold	

Goldstein, Emanuel	D.C.	Gordon, James Kirke	Va.
Goldstein, Harold T.	Va.	Gordon, Lester Howard	Mass.
B.S. 1932, M.S. 1935, College of the City of New York		Gordon, Melton Michael	Pa.
Goldstein, Jack	N.J.	B.S. 1914, State Teachers College, Indiana, Pa.	
Goldstein, Lewis Meyer	R.I.		D.C.
Goldstein, Maxine Isabel	D.C.	Gordon, Muriel	A.B. 1942, University of Maryland
Goldstein, Morton	N.Y.	Gordon, Randal Hunter	La.
Goldstein, Raymond Norman	D.C.	Gordon, Thelma	D.C.
Goldstein, Sidney Emanuel	D.C.	Gordon, Thomas Cooper	Va.
Goldstorm, Milton	Md.	Gordon, William Albert	Md.
Goldwine, Loretta Frances	Md.	Gordon, Zara	D.C.
B.S. 1939, St. Josephs College		A.B. 1947, Maryland University	D.C.
Goldy, Genevieve Rustvold	Va.	Gore, Mary Augusta	D.C.
Goley, Alfred Victor	D.C.	Gore, William Frederick	D.C.
Golubart, Mark Julian	Md.	Gorelick, Albert P.	Tex.
Golis, Joseph Francis	Mass.	Gorman, Leonard	D.C.
Golob, Jeanette Malin	N.Y.	Goss, Elizabeth	Mass.
A.B. 1946, The George Washington University		Gotschall, Gale Parkison	Neb.
Goldner, Sylvia	Del.	Gottesman, Alexander Murcy	Va.
Golorin, Nicholas E.	D.C.	Gottlieb, Alvin Lawrence	D.C.
A.B. 1934, A.M. 1936, Columbia University		Gottlieb, Sylvia B.	D.C.
Gomez, Carlos M.	P.R.	A.B. 1942, Hunter College	
Gomzi, Sulo Benhard	D.C.	A.M. 1946, The George Washington University	Md.
B.S. 1939, University of Minnesota		Gottschalk, Barbara Ottile	
Gonda, Helen Suzanne	Pa.	A.B. 1928, Smith College	
Gonzales, Hernando	D.C.	A.M. 1942, University of Arizona	D.C.
Gonzales, Irma Eneida	P.R.	Gottschin, Marie Helene	D.C.
A.B. 1942, The George Washington University		Gottschall, William Holt	D.C.
Good, Dennie, Jr.	Ky.	Gouge, John Oscar	D.C.
Good, Penny Ray	N.C.	Gouge, Susan Cornelia	N.Y.
Good, Bernard William	Va.	Gould, George Marvin	D.C.
Good, Charles Lloyd	Ind.	Gould, Louise Stewart	Ohio
B.S. in Ch.E. 1942, Purdue University		Gould, Stanley Kay	D.C.
Good, Frederick Dale	Ohio	Goumas, Nicholas Peter	Ill.
A.B. 1944, Otterbein College		Gourley, Evelyn Mae	
Good, Gloria Juanita	Va.	B Ed. 1949, Illinois State Normal University	Utah
Good, Norman Leese	D.C.	Gower, Mont Alva	Ill.
Good, William Horsley	D.C.	Grabowski, Edwin F.	Ala.
Goodall, Paul Gilbert	Ohio	Grace, John Lamar, Jr.	
Goode, Marian Elizabeth	Md.	B.S. 1948, Howard College	D.C.
Goodell, George Henry	D.C.	Grady, Doris Katherine	D.C.
Goodman, Clifford James	Ariz.	Grady, Florence Margaret Moran	
Goodman, Elizabeth Josephine	Ark.	B.S. 1939, Marywood College	
A.B. 1938, Henderson State Teachers College		A.M. 1946, University of Georgia	Md.
Goodman, Natalie	D.C.	Grady, James Louis	Miss.
Goodnight, Lyman Evans	N.Y.	Grady, James Theron	R.I.
Goodpasture, Maurice Carroll	Tex.	Grady, Joseph William	D.C.
A.B. 1941, Texas Technological College		Grady, Robert Morris	Md.
Goodrich, Charles David	Va.	Grady, Robert H.	Va.
Goodrich, Richard Samuel	Calif.	Graff, Raymond Johnston	S.C.
Goodwin, Lenore G.	D.C.	Graham, Doris Madge	Pa.
Goodwin, Norton	D.C.	Graham, Edward Regis	Md.
A.B. 1938, Harvard University		Graham, Eunice Marguerite	D.C.
Goodzey, Walter Vincent	Ill.	Graham, Florence Watkins	
B.S. 1941, University of Illinois		B.S. 1931, Madison College	D.C.
Gold, Louise Stewart	Colo.	Graham, George Greenfield, Jr.	W.Va.
Gorbach, Woodrow Wilson	Conn.	Graham, James Wollard	
Gordon, Albert	N.J.	B.S. 1946, The George Washington University	D.C.
Gordon, Bernard	D.C.	Graham, John Alexander	D.C.
Gordon, Chester M.	N.Y.	Graham, John Vincent	D.C.
B.S. 1938, M.S. 1943, College of the City of New York		Graham, Mary Anne	Tex.
Gordon, Francis Guthrie, Jr.	Va.	Graham, Robert Albary	D.C.
Gordon, Francyne	D.C.	Graham, Vivian Ruth	Mass.
B.S. 1946, The George Washington University		Grachen, Charles	D.C.
Gordon, Haralson	D.C.	Gramm, Richard Joseph	Ill.
		Gramann, Robert George	Md.
		Grammer, David Allen, Jr.	
		B.B.A. 1947, University of Texas	

Grandstaff, Sarah Katherine B.S. 1941, Middle Tennessee State College	Tenn.	Green, Margaret Frances	Mass.
Granger, Patricia Laura	D.C.	Green, Mary Frances	Ala.
Grant, Charles Remond	D.C.	Green, Mary Margaret	N.Y.
Grant, Charman Ernestine	D.C.	Green, Norman	D.C.
Grant, James Augustus	Ala.	Green, Richard Etter	R.I.
Grant, Leon Marcellus	Md.	Green, Robert Mason	D.C.
Grant, Leonard J.	N.Y.	Green, Samuel	Me.
Grant, Nancy Lee	D.C.	Green, Sara T.	D.C.
Grant, Orland Wolcott	N.I.	Green, Shirley Mae	Or.
Grantham, Rhodes Elliot	D.C.	Green, Verda Belle	D.C.
B.S. in E.E. 1942, Purdue University		Green, Walter Irving	D.C.
Granthum, Theodosia	Ga.	A.B. 1937, University of Maine	D.C.
Grape, Robert Dusten	D.C.	Green, Willard Arthur	D.C.
Grapes, Robert Lavine	Va.	Green, William Oliver	D.C.
Grass, Louis William	D.C.	Greenawalt, Clarence Robert, Jr.	D.C.
Grasser, Emil Ernst, Jr.	Pa.	Greenbank, Richard Kelly	D.C.
Grasso, Michael	D.C.	Greenbaum, Charles	Mass.
B.S. 1946, Bucknell University		Greenbaum, Evelyn	D.C.
Grassy, Richard George	D.C.	Greenberg, David Leonard	N.I.
B.S. 1933, University of Cincinnati	N.Y.	Greenberg, Gloria	Va.
Grau, Seymour	Va.	Greenberg, Paul Herman	Me.
Graul, Herbert George	Va.	Greenberger, Helen Gertrude	D.C.
Graves, Eliot Boyd		Greenblat, Balfour Sidney	Conn.
A.B. 1932, A.M. 1933, College of William and Mary	D.C.	Greene, Barbara Heloise	D.C.
Graves, Ruth Brown	D.C.	Greene, Gale Kensington	D.C.
Gravette, Dwight Lee	D.C.	Greene, Harriet Elizabeth	Va.
Gravitt, Melvin	D.C.	Greene, Jesse Lester	Me.
Gray, Ann Agatha	Mass.	Greene, Patricia Ross	Me.
Gray, Daniel William	Va.	Greene, Richard Louis	D.C.
Gray, Frederick Charles, Jr.	D.C.	Greene, Robert Ellis	D.C.
Gray, George B.	Md.	Greene, Sandra Robert	Idaho
Gray, James Louis	Va.	Greenfield, George Albert	D.C.
Gray, Lawrence James	Va.	A.B. 1938, College of Idaho	N.Y.
Gray, Lawrence L.	Va.	Greenhalgh, Henry L.	N.Y.
Gray, Louis Patrick III		Greenhouse, Leon	
B.S. 1940, United States Naval Academy	D.C.	Greenhouse, Samuel W.	
Gray, Phyllis D. S.	D.C.	B.S. 1938, College of the City of New York	N.H.
Ph.B. 1926, Brown University	N.C.	Greenlaw, Albert Henry	Me.
Gray, Robert Donald	N.C.	Greenleaf, Elizabeth B.	Ill.
Gray, Robert McDonald		A.B. 1917, Vassar College	Ind.
A.B. 1920, LL.B. 1932, University of North Carolina	Wash.	Greenlee, Davis Lashley	D.C.
Graybeal, John Olin	Va.	Greenlee, Robert Leonard	D.C.
B.S. 1943, College of Puget Sound	D.C.	Greenspan, Lorraine	N.Y.
Graver, Oscar Haskell	Va.	Greenspan, Marshall Eli	D.C.
Grayson, Howard Ivory	Va.	B.S. 1940, Massachusetts Institute of Technology	D.C.
Grays, S. Sibyl Doris	Oreg.	Greenspan, Norman Aaron	N.Y.
Greathouse, Wayne Curtis	D.C.	Greenstein, Paul S.	N.Y.
Greaves, Vernon Elmer	D.C.	Greenstein, Sidney	N.Y.
Greaves, Hazley C., Jr.	D.C.	Greenwald, Douglas	D.C.
Green, Evelyn M.	D.C.	Greenwald, Leanne Klein	D.C.
A.B. 1946, University of Maryland	D.C.	Greenwald, Norman David	N.Y.
Great, Mary A.	Md.	Greenwald, Robert Frederick	
Green, Arleigh William	Va.	Greenwood, Walter Bart	
Green, Berryman	D.C.	B.S. 1943, The George Washington University	D.C.
Green, Dallas Shadrach	Va.	Greenzaid, Judah	Va.
Green, David MacCalla	D.C.	Greer, Anne Carolyn	D.C.
Green, Elsie Caldwell	Ill.	Greer, Thomas Jefferson, Jr.	Calif.
Green, Eugene Wendell	D.C.	Gregg, Charles Robert	D.C.
Green, Harold Arnold	Md.	A.B. 1941, University of California	D.C.
Green, Leon Bonita	Va.	Gregg, James Clifford	D.C.
Green, Leo Downing, Jr.		Gregg, Oris Cockerill	
A.B. 1944, University of Kansas	D.C.	B.S. 1927, United States Naval Academy	D.C.
Green, Leonard	D.C.	Gregg, Phyllis Pearson	D.C.
Green, Lester Bertleson	D.C.	Gregory, Elizabeth Ann	S.D.
B.S. 1933, University of Idaho	Va.	Gregory, Hugh Elroye	Va.
Green, Lillian Barnbridge		Gregory, Jack Neil	D.C.
		Gregory, Jesse Manning	N.Y.
		Gregory, Lillian	
		Gregory, William Frederick	

Gregson, Robert Franklin, Jr.	Iowa	Grona, LeRoy	D.C.
Greig, Aline Corton	N.Y.	Grooms, Gordon Lee	D.C.
Grenadier, Albert Harold	Va.	Gros, James Richard	Va.
Grenan, Marie Margaret	Md.	B.S. 1915, University of Michigan	
Gresham, Martha Eleanor	S.C.	Gross, Isador	D.C.
A.B. 1916, Lander College		A.B. 1937, Brooklyn College	Ohio
Gross, Marion E.	D.C.	Gross, Joan Elizabeth	N.Y.
Grotemin, Genevieve Mary	Iowa	Gross, Morton	Wash.
Grey, Alberta Loretta	Mich.	Gross, William, Jr.	Mass.
Grady, Cecil John, Jr.	D.C.	Grossman, Carmen Era	D.C.
Grier, Harold Thomas	D.C.	Gruber, Frances Cere	D.C.
Griesmer, Edward Thomas	Md.	Grube, Allan Harrison	Va.
Grist, Priscilla Elaine	D.C.	Grube, Jesse Barrett, Jr.	N.Y.
Griley, Mary Virginia	Ky.	Groves, Joseph Eric	Mich.
Grimes, Charles Edward	Va.	Gruber, Albert Ray	D.C.
Grimes, Charles William, Jr.	Va.	Groves, Nancy Alice	D.C.
Griffin, Landon Larkin	Md.	Groves, Stanley Carley	D.C.
Griffin, Elroy Howard	Calif.	Groy, John Thomas	D.C.
Griffin, Willard Earl	N.Y.	Grubb, Gene Marie	Pa.
Griffin, Barbara Marjorie	Pa.	Grubb, Stephen	Md.
Griffin, David John	N.J.	Grubbs, Violet David	Va.
Griffith, Eugene Everett	Tenn.	Grudinski, Warwila Louise	D.C.
A.B. 1927, The George Washington University		Grundstein, Nathan David	Va.
A.M. 1937, Columbia University		A.B. 1915, M.S. 1916, Ohio State University	
Griffith, Janet Marjorie	D.C.	Ph.D. 1913, Syracuse University	
Griffith, Kenneth Edward	Mich.	Guaner, Elaine	D.C.
Griffith, Lera Evelyn	Va.	Guaner, Russell Carl	Va.
Griffith, Rubye Elizabeth	Tenn.	Grazwell, Robert Lockwood	D.C.
Griffin, Mary Cecelia	Va.	Grashetky, Nadva Feigina	D.C.
Gross, Betty Virginia	D.C.	Graszewicz, John Joseph	Pa.
Gross, Lorraine	D.C.	Grazzi, Dante Edward	N.J.
A.B. 1945, The George Washington University		B.S. 1937, New York University	Va.
Grushy, Roberta Josephine	Va.	Guenther, Louis Charles	
Griff, Edith Tapper	N.Y.	A.B. 1934, Southwestern College	
A.B. 1942, Brooklyn College		A.M. 1938, University of Pittsburgh	N.Y.
Griff, Murray Myron	N.Y.	Guerin, Bernard K.	Tex.
A.B. 1940, Brooklyn College		Guerra, Alfonso Angel	D.C.
Grillo, Francis Joyner	D.C.	Guerra, Grace	Ohio
Grimes, Daniel Leonard	Va.	Guerra, Mario	D.C.
Grimes, Elmer Wilson	D.C.	Guerra, Stephen Lawrence	Va.
B.S. 1939, Wilson Teachers College		Guerhart, William Samuel, Jr.	D.C.
Grimes, Wilfred Wright	Va.	Guerwitz, Leon	Va.
Grissard, Neal G.	Tex.	Guess, Thelma Marguerite	Conn.
Grinn, Floris Taylor	D.C.	Gudas, Doris Ann	Va.
A.B. 1937, Shepherd State College		Guthert, Edward Hunt	
Grinn, Holmes Randolph, Jr.	Va.	B.S. 1941, United States Naval Academy	
B.S. 1943, Medical College of Virginia		M.S. 1941, Massachusetts Institute of Technology	D.C.
Grinn, James Kamber, Jr.	Pa.	Guel, Chester Henry Moore	Ill.
A.B. 1942, Pennsylvania State College		Guel, L.L. Harry	D.C.
Grinn, Robert John	N.Y.	Gueland, Edgar Robert	Va.
Grimmett, Talmage, Pomeroy	Va.	Guel, Grace Dorothy	
Grimm, J. Gordon B.	Kans.	A.B. 1940, University of Wisconsin	D.C.
Grobner, Charles Aaron	D.C.	Guellet, Mary Harriet	Va.
Groedel, John Robert	Mass.	Guellet, Ralph Thomas	
Grosz, Herbert Sanford	N.J.	B.S.C. 1935, Temple University	D.C.
Gross, Dana Morris	N.Y.	Gulbranson, Don Iver	
Gross, Charles Robert	N.J.	B.C.E. 1941, The George Washington University	N.Y.
Gross, Dwight Louis	Ohio	Gulewicz, Edward John	Va.
B.S. 1941, Grove City College		Gulewicz, Richard Green	Ill.
Gross, Burton	N.Y.	Gulett, John Hangerford	MI
Gross, Herbert	N.Y.	Gulaker, Art, Derky	Md.
Gross, Ralph Edward	D.C.	Gunn, Landon Ivy	N.Y.
Gross, Archie Edward	Tex.	Gunsell, Roy Cedric	D.C.
A.B. 1941, Rice Institute		Gunsell, Donald West	N.Y.
A.M. 1941, Harvard University		Gunn, Severin David	D.C.
Gross, John Barry	Va.	Gunter, Mary Wyne	D.C.
Gross, Ruth Eileen	Wyo.	Gunter, Robert Blair	D.C.
Gross, Isadore Jacob	N.Y.	Gunwell, Donald West	D.C.
A.B. 1940, University of Buffalo			

Guren, Sheldon B.	Va.	Halbmillion, Victor	D.C.
B.B.A. 1944, Western Reserve University		B.S., M.S. 1943, Columbia University	D.C.
Gurganus, Anna Carolina	D.C.	Hale, David Jones	
Gurtz, Robert Francis	Va.	B.S. 1928, Indiana State Teachers College	Va.
Gurule, Mary Lydia	N.M.	Hale, Julia Bowen	Kent.
Gusdorf, Melvin Morris, Jr.	Va.	Hale, Roger Curtis	D.C.
Gustafson, Edsel Warren	D.C.	Hale, William Robert	D.C.
Gustafson, Gerald Norman	Pa.	Halett, Maxine	Va.
Gustafson, Jean Anne	D.C.	Haley, Louis Albin	Md.
Gustafson, Joan Clara	D.C.	Haley, Mary Ann	Va.
Gustafson, Melbourne	Va.	Haley, Peter John	Va.
A.B. 1938, Augustana College		Haley, Violet Lowry	
Guth, Herbert J.	N.Y.	L.L.B. 1933, National University	Conn.
Guthrie, Marjorie Frye	Mass.	Hallish, Walter G.	N.J.
A.B. 1937, A.M. 1938, Radcliffe College		Hall, Allan	D.C.
Guthrie, John Conaughy	D.C.	Hall, Bernadette M.	Fla.
A.B. 1937, Williams College		Hall, Betty Aloysia	D.C.
A.M. 1939, Columbia University		Hall, Blanche Ann	Calif.
Guthrie, William Joseph, Jr.	Va.	Hall, Byron Eugene	Miss.
Gutierrez del Rio, Blanca N.	P.R.	Hall, Cleo	D.C.
A.B. 1931, University of Puerto Rico		Hall, E. Juanita	D.C.
Guy, David Roger	Mass.	Hall, Frank Earl	Pa.
B.S. 1940, United States Military Academy		Hall, James Granville, Jr.	D.C.
Guy, Leroy Stanley		Hall, James Herrick	Va.
Guy, Walter Martin		Hall, James Morgan	D.C.
Guyman, Roy	III.	Hall, Jonathan	
		A.B. 1935, Rollins College	D.C.
		Hall, Joseph Alexander, Jr.	D.C.
		Hall, Lillie Margaret	D.C.
		Hall, Mzie Jackson	Ohio
		Hall, Norman Chapman	D.C.
		Hall, Phyllis Anne	Ga.
		Hall, Ross Campbell	N.Y.
		Hall, Samuel Roy	Ohio
		B.S. 1940, New York University	
		Hall, Wilson Luther	D.C.
		A.B. 1941, College of Wooster	
		Hallberg, Ernest Van	III
		A.B. 1942, University of Florida	
		Hallen, Ralph R.	
		B.E. 1942, North Illinois State Teachers College	D.C.
		Haller, Edna Louise	N.T.
		A.B. 1946, Western Maryland College	D.C.
		Hallgren, Arthur George	D.C.
		Halliday, Christine Rhoda	D.C.
		Halliday, William Ross, Jr.	Calif.
		A.B. 1946, Swarthmore College	Pa.
		Halligan, Bernard Francis	Va.
		Hallman, Clarence Kenneth	Pa.
		Hallman, Pauline Pearl	Va.
		Halman, Shelly LaMonte	D.C.
		Halmark, Nelson Thane	D.C.
		Hallock, James Edward	
		Halloran, Edward Roosevelt	D.C.
		L.L.B. 1931, Columbia University	D.C.
		Halpern, Gloria	
		Halstead, Mervin	
		B.S. 1930, United States Naval Academy	Neu.
		Ham, Richard Digby	Va.
		Ham, Walter Eugene	Ill.
		Ham, William Albert	Md.
		Hamann, Francis Carl	Tenn.
		Hamble, Deborah	D.C.
		Hamblen, Dana Harmon	D.C.
		Hamburg, Shirley E.	D.C.
		Hamburger, Ada Minna	Wis.
		Hamburger, Irma Belle	N.Y.
		Hamilton, Edwin Earl	
		Hamilton, Harriett H.	
		Hamilton, Howard Pinner	

Hamilton, Jack Robert	Va.	Hankey, Marion M.	D.C.
Hamilton, James Russell	D.C.	A.B. 1944, The George Washington University	
Hamilton, John Newcomb	Va.	Hanley, Edward John	Conn.
B.S. 1935, University of Maine		B.S. 1942, University of Connecticut	
Hamilton, Lloyd William	Nebr.	Hanna, Edward Charles	D.C.
Hamilton, Margaret Anne	Ind.	Hanna, Eleanor D.	Kans.
Hamilton, Samuel Graham	Mass.	B.S. 1911, Kansas State College of Agriculture and Applied Science	
Hamilton, Sydney Emanuel	D.C.	Hanna, Elinore Anne	D.C.
Hamilton, Verna Steines	D.C.	Hanna, Jane Edwards	D.C.
A.B. 1945, The George Washington University		Hanna, Peter John	Va.
Hamilton, William Pitch	D.C.	B.S. 1938, Virginia Polytechnic Institute	
Hamlin, Edmund Tarr	Wis.	Hannon, Fred Lowrie	W.Va.
Ph.B. 1926, University of Wisconsin		Hannum, Norris Hamilton	D.C.
Hamlin, Theodora Grace	Fla.	Hanowell, Ernest Goodin	D.C.
Hamm, Charles Sherman	N.Y.	A.B. 1946, The George Washington University	
A.B. 1946, The George Washington University		Hanowell, Para Jean Hall	Va.
Hamm, Norma Esther	Va.	A.B. 1943, University of California	
Hammack, Julian Carroll, Jr.	D.C.	Hansen, Arline Anderson	D.C.
Hammars, Thomas Berry	Md.	Hansen, Gordon Henry	D.C.
Hammer, David Edwin	Ill.	Hansen, Herbert Orville	D.C.
Hammerl, Arthur Joseph	D.C.	Hansen, James Richard	D.C.
Hammerl, Clara Maxcene	D.C.	B.S. 1916, United States Naval Academy	
Hammerly, George Preston	Va.	Hansen, John Sweetland	Md.
Hammersla, Nancy Jane	D.C.	A.B. 1941, University of California	
Hammett, John Charles	D.C.	Hansen, John Walter	Conn.
Hammond, Georgina Louise	N.J.	Hansen, Joel Woods	D.C.
Hammond, John Gaines	S.C.	Hansen, Margaret Carolina	D.C.
B.S. 1940, Clemson Agriculture College		Hansen, Martin Edward	D.C.
Hammond, Robert Braden	Md.	Hansen, Ruth Florence Elizabeth	Wis.
B.S. 1943, University of Maryland		Hansen, Walter Daniel	D.C.
Hammons, Art Wingfield, Jr.	Miss.	Hansford, Verda Pauline	Ky.
Hamrick, William A.	Va.	Hanson, Bradley Stuart	Calif.
B.S. 1934, Oklahoma Agricultural and Mechanical College		Hanson, Burton S., Jr.	D.C.
Hanashire, Ruth R.	Hawaii	Hanson, Jean Laxonne	D.C.
Hanby, Barbara Louise	Md.	Hanson, John Edward	D.C.
Hanchak, John Andrew	D.C.	B.S. 1940, University of Minnesota	
Hanck, Nancy Rika	D.C.	Hanson, Katherine Lillian	Va.
Hancock, John Cochran	Md.	Hanson, Leo Derwood	Pa.
A.B. 1943, Western Reserve University		Hanson, Richard Eugene	N.J.
A.B. 1948, Hampden-Sydney College	Va.	Hanson, Robert Milton	Md.
Hancock, Merle Henry	Va.	Hanson, Virginia Alice	Maine
Hancock, Nell	Tenn.	Hantman, Alfred	N.Y.
Hancock, Parker Dunn	Ind.	A.B. 1919, Brooklyn College	
L.L.B. 1937, Indiana University		Hantzog, George Benjamin, Jr.	S.C.
Hancock, Quinlay Harris	Va.	Hanzok, Andrew	Pa.
Hard, Rowland Carlidge	Ohio	Hapeman, Lucy Ann	Nebr.
B.E. 1943, University of Detroit		A.B. 1946, University of Nebraska	
Handleman, Chester	Mass.	Harber, Leonard Coleman	N.Y.
A.B. 1941, Clark University		Harbison, Mary Lucille	Pa.
Handler, Wilfred	N.Y.	Harbison, William Kump	N.J.
Handran, Llewellyn	D.C.	Harde, Dudley Brown	Conn.
Handre, Frederick	Md.	A.B. 1927, Yale University	
Handy, Anne Elizabeth	Va.	Hardenbergh, Robert Bruce	Va.
B.S. 1943, Madison College		Hardesty, Leila Virginia	Md.
Handy, Howard Goyner	Va.	B.S. 1941, University of Maryland	
Handy, John Bruce, Jr.	D.C.	Hardin, Harold M.	Va.
A.B. 1943, Washington and Lee University		Hardin, Keith Marvin	D.C.
Handy, Marena Brickell	N.C.	Harding, Bernish Conrad	Maine
Hanes, Betty R.	Ohio	A.B. 1942, Colby College	
Hanes, Rachael Woody	Idaho	Hardwick, Sarah Kathryn	D.C.
Haney, Donald Warren	D.C.	Hardy, William, Jr.	D.C.
B.S. 1941, University of Illinois		A.B. 1920, The George Washington University	
Hanes, Florence Louise	Va.	Hardy, William McClure	Wash.
Hanes, Joyce Smith	D.C.	B.S. 1942, University of Oregon	
Hardard, Ann Carole	Va.	Hargrove, Freda V.	Ark.
Hange, Esther Else Dalskov	Denmark	Hargy, Frances Robert	Md.
Faktorinde 1943, K.t.F. Copenhagen			

Haringer, Albert Michael	Va.	Harris, Louis James	N.Y.
B.S. 1933, The George Washington University		A.B. 1932, Cornell University	
Harkness, Betty Bruce	Va.	L.L.B. 1938, J.S.D. 1942, Brooklyn Law School	Ohio
Harkless, Edna	Va.	Harris, Paul Austin	Pa.
Harkness, James Willard	Pa.	Harris, Ray Baker	Pa.
B.S. 1942, Juniata College		Harris, Raymond Ellsworth	Pa.
M.Ed. 1938, Pennsylvania State College		Harris, Reed	Va.
Harkness, William Dalzell	Va.	Harris, Richard Austine	Pa.
Harlan, Daniel Denaway	Ohio	Harris, Robert Hyman	Pa.
Harlan, John Cooper	Va.	Harris, Roy A.	D.C.
Harlan, Mirprie Elizabeth	Md.	Harris, Ruth Ann	Pa.
Harloff, William Carroll	Md.	Harris, Samuel Henry W.	Va.
Harman, Arthur Crawford, Jr.	Md.	Harris, Shirley Rose	
Harmon, Albert Lawrence	D.C.	A.B. 1944, Wellesley College	D.C.
Harmon, Ernest Emory	Md.	Harris, Susanne L.	Md.
Harmon, Francis Luman	Md.	Harris, Victor	D.C.
B.S. in E.E. 1939, Michigan State College		Harris, Willie Dawson, Jr.	N.C.
Harmon, Georgia Avelina	D.C.	Harris, Zebb Jennings	Md.
Harmon, Gregory U.	D.C.	Harrison, Alexander	D.C.
L.L.B. 1942, University of Buffalo		Harrison, Archibald Chapman	D.C.
A.B. 1945, The George Washington University		Harrison, Bernard Arnold	D.C.
Harmon, Robert	D.C.	Harrison, Byron Edward	Va.
B.S. 1941, University of Maryland		Harrison, David Warren	Va.
Hatmon, Roland Alfred	D.C.	Harrison, Donald Roy	D.C.
Harnden, Mary S.	N.Y.	Harrison, Halton Roberts	D.C.
A.B. 1946, Smith College		Harrison, Hinda Hannah	Va.
Harness, Charles Leonard	Tex.	Harrison, John Houston	
B.S. 1942, L.L.B. 1949, The George Washington University		A.B. 1946, University of Virginia	D.C.
Harper, Dotis Claire	Md.	Harrison, Joe Leon	Mass.
Harper, Edith Elizabeth	D.C.	Harrison, Louis Pincus	D.C.
Harper, Lamar Emory	D.C.	Harrison, Mark	D.C.
Harper, Lawrence Mervin	Pa.	Harrison, Mary Louise	Pa.
A.B. 1942, Pennsylvania State College		Harrison, Robert Edwin	Ohio
Harper, Lucille U.	Ia.	Harrison, Robert Scott	D.C.
Harper, Maynard Stull	Md.	Harrison, Rose Marie	D.C.
Harper, Richard Howard	D.C.	Harrison, Ruth	D.C.
Harper, Robert Charles	Ia.	Harrison, Thelma Winifred	D.C.
Harpster, Lyndale Roberta	D.C.	Harrow, Merv Jacob	
Harrigan, Harvey Paul	Calif.	Harrow, Lee Salem	
Harrington, Alice Corinne		B.S. 1949, The George Washington University	Va.
B.S. 1940, Alabama State Teachers College, Florence		Harrow, Leon Vaughan	N.Y.
Harrington, Charles Wilmott, Jr.	Wash.	Harrow, Robert Lee	D.C.
Harrington, Joseph, Michael	Iowa	Harrow, Harry Morgan	D.C.
A.B. 1945, State University of Iowa		Harshman, Patricia Lucy	Pa.
Harrington, Mary Beth	D.C.	Hart, Barbara Marie	D.C.
A.B. 1946, State University of Iowa		Hart, Jack S. L. M. M.	D.C.
Harrington, William Reginald	Va.	Hart, Nelson Perry	Ill.
Harris, Anne Meade	Va.	Hart, Priscilla M.	
Harris, Beverly Travers	D.C.	Hart, Richard Foreman	D.C.
Harris, Carl August	D.C.	A.B. 1944, Harvard University	
A.B. 1943, University of Maryland		Hart, Robert Norton	D.C.
Harris, Danah Jane	D.C.	B.S. 1941, Wilson Teachers College	
Harris, David Edwin	Calif.	Hart, Roberta Ann	
Harris, Elizabeth Lea	Va.	A.B. 1945, University of New Mexico	S.D.
Harris, Emmett Watkins	Va.	Hart, Seward Lyman	D.C.
Harris, F. Lucille	D.C.	A.B. 1948, Yankton College	N.M.
A.B. 1929, A.M. 1945, The George Washington University		Hart, William Landrum	
Harris, Field	D.C.	Hart, Wilson Ritter	Pa.
Harris, Forest Klaire	D.C.	A.B. 1942, University of New Mexico	Va.
Harris, Fred	D.C.	Hartenstein, Ross Lina	
Harris, Fred C.	D.C.	Harter, Kenneth Wilson	
Harris, Herschel	D.C.	B.S. 1944, Kansas State College of Agricultural and Applied Sciences	Md.
Harris, James Edgar	Tex.	Hartley, Richard Holmes	Miss.
A.B. 1940, Hiram Simmons University		Hartley, Frances	D.C.
Harris, Joe Milton	Tex.	Hartley, John Davis	Md.
Harris, John Alfred	D.C.	Hartley, Richard Francis	D.C.
B.S. 1940, University of Illinois		Hartman, Robert Fred	D.C.
		Hartman, Howard Kendal	

Hartman, William J.	Md.	Haycraft, Donald Warren	Va.
Hartness, Laura Mae	D.C.	Hayes, Edward Joseph	Conn.
Hartness, James Cuthbert	D.C.	Hayes, Elliott Kerwin	Md.
Hartsook, Wallace Woodrow	D.C.	Hayes, Frances Gordrey	D.C.
Hartzog, George Benjamin, Jr.	S.C.	A.B. 1935, Radcliffe College	
Harvey, Frederick Holman	D.C.	Hayes, James Delano	Va.
Harvey, John Wilson	Tenn.	Hayes, Jewell Ann	D.C.
Harvey, Lloyd LaQuill	Fla.	Hayes, Joe	Va.
Harvey, Martha Ann	Va.	Hayes, John Hamilton	D.C.
Harvey, Robert Henry	D.C.	A.B. 1941, Dartmouth College	
Harvey, Ruth Reinhardt	D.C.	Hayes, John William	N.Y.
Harwood, William Eugene, Jr.	D.C.	A.B. 1939, Fordham University	
Harwood, William Robert	D.C.	Hayes, John William	Va.
Hash, Betty Louise	D.C.	Hayes, Lloyd Donald	Okl.
Hashim, John Sarkise	N.H.	Hayes, Mabel Hannah	D.C.
B.S. 1940, University of New Hampshire		Hayes, Marjorie Israelson	Va.
Haskell, Benjamin Paul	Md.	Hayes, Stanley Wilton	D.C.
B.S. 1942, University of Kentucky		Hayes, Webb Cook	Ohio
Haskell, Boris	Mass.	A.B. 1942, Yale University	
Haskell, James K.	D.C.	Hayes, Basil	Va.
Haskell, Jane Leslie	D.C.	Hayman, Harry	D.C.
Haskins, Nancy Gay	D.C.	B.S. 1948, New York University	
Haskins, Margaret Varda	D.C.	Haynes, Aubrey Franklin	Tenn.
Hastup, Allen Lee	D.C.	Haynes, Chester St. George	D.C.
Hastup, Lemuel Allen	Fla.	Haynes, Claude Leon, Jr.	D.C.
B.S. 1947, University of Maryland		Haynes, Martha Frances	Ky.
L.L.B. 1934, The George Washington University		Haynes, Norma Edith	Va.
Hassell, Hugh Huntington	D.C.	Haynes, Owens	Ky.
Hastings, Delores Arloens	D.C.	Hays, John, Jr.	Tex.
Hastings, Dorothy Louise	Wis.	Hays, Lawrence Augustus	D.C.
B.S. 1943, Wisconsin State Teachers College, Oshkosh		Hays, Raymond LeRoy	D.C.
Hastings, Dwight Fellows	D.C.	A.B. 1946, The George Washington University	
Hastings, James Riley	D.C.	Hays, Richard Leland	Kans.
Hastings, William Harris	Conn.	Hayward, Robert Jay	Va.
Hawell, Judith Ruth	Va.	Hazen, Solomon J.	N.Y.
Hawes, Elaine	Utah	Hazen, Bernard John	Va.
Hatch, Francis Joseph	D.C.	Hazen, Paul John	D.C.
Hatchell, Henry Thomas	S.C.	Head, Almaria	Va.
Hawaway, Ann Kennard	Va.	Headley, Harvey Wayne	Va.
Hawaway, Richard Dean	Ind.	Headley, Richard Burt	Va.
Hawaway, Robert Glenn	D.C.	Headman, Tono Elyot	Va.
Hawbrite, Martha Luncil	Va.	B.E. 1941, University of Minnesota	
Hawth, George Mike	D.C.	Headrick, Thomas W.	D.C.
Hawth, Robert William	D.C.	Heal, Delbert	D.C.
Hawth, Raymond Leahich	D.C.	Heald, Ruth Virginia	D.C.
Hawth, William McKae	Ind.	Healey, Alan John	D.C.
Hawth, Laura Elizabeth Cox	W.Va.	Healy, John Francis	
Hawley, Paul T.	Iowa	B.S. 1943, Georgetown University	D.C.
Hawth, Charles Caldwell	D.C.	Healy, John Valentine	Ga.
Hawth, Adolph Paul	N.Y.	Hearn, Elizabeth Knight	
Hawse, Benton Arlington	D.C.	A.B. 1945, Wesleyan College	Tenn.
Hawth, Milton Joseph	Md.	Hearn, Wilfred August	
B.E. 1945, M.Ed. 1940, Rutgers University		L.L.B. 1931, The George Washington University	
Havell, Olin Marge	Va.	Heaton, Martin Louis	Md.
Haven, Herman	D.C.	Heatt, Mabel	Ill.
Havens, William Dodge, Jr.	D.C.	A.B. 1942, Northwestern University	
Hawk, Claude Vernon	Va.	Heath, Bettyellen	Md.
Hawkins, Edward John	Fla.	Heath, Douglas David	Wis.
Hawkins, Herschel Bernese	Ga.	Heath, Howard Lawton	D.C.
Hawkins, Louis Henry, Jr.	D.C.	Heath, Constance Jane	Va.
Hawkins, Norvell Hamner	Va.	Heaton, Sister Jane Frances	D.C.
B.S. 1944, University of Maryland		Hobb, Emma Lee	Va.
Hawley, Robert Lee	D.C.	Hobbs, Edward Albert	D.C.
Hawn, Elsie Gertrude	D.C.	A.B. 1939, Pennsylvania State College	
Hawthorne, Jeanne Marie	D.C.	Heberling, James Donald	D.C.
Hawthorne, Ann Amelia	Ind.	Hebert, Paul Edmund	Md.
Hawthorne, Charles Byrd	Neb.	Hedra, Irving Mark	N.Y.
Hawthorne, Joyce Marie	Neb.	Hecht, Moses Bernard	
Haxton, Richard Irving	Md.	A.B. 1944, The George Washington University	

Heck, Bertha May	W. Va.	Helmstedt, Gudrun Bodil	D.C.
Heck, Howard Walter	Minn.	Helstrom, Warren Richard	Ill.
Heck, James Edward	D.C.	A.B. 1943, DePauw University	Md.
Heckman, Dorothy Anita	N.D.	Heltibridle, Mary E.	
Heckman, Frederick William	D.C.	B.S. 1927, Temple University	
Heckman, Phyllis Buxbaum	D.C.	A.M. 1943, The George Washington University	D.C.
Heckman, Shirley Eileen	D.C.	Helton, Harry Stephen	D.C.
Hedberg, John Vernon	D.C.	A.B. 1937, Wabash College	
Hedberg, Lucile Barbara	D.C.	Helvestine, Albert Harrison	
B.S. 1940, Minnesota State Teachers College, St. Cloud		B.S. 1933, B.S. in E.E. 1935, LL.B. 1936, The George Washington University	Va.
Hedges, Dana Janice	Va.	Helzer, Charles William	
B.M. 1928, University of Colorado		B.S. in E.E. 1945, Georgia School of Technology	Mass Tex D.C. Wis
Hedges, Richard Henry	Md.	Helzner, Manuel Louis	
Hedin, Herbert Emanuel	D.C.	Hemby, John Towney	
Hedley, Edna Rome	D.C.	Hemmerdinger, Albert Barton	
Hedley, Robert Kenneth	Va.	Hempelmann, Charles Steven	
Hedrick, Benjamin Sherwood	D.C.	B.S. in Ed. 1942, Northwestern University	Md. D.C. Md. Pa. D.C. Va. D.C. Mass D.C. W.Va.
Hedrick, Robert Kenny, Jr.		Hempstone, Smith, Jr.	
Hedstrom, Axel Bernard, Jr.	Pa. Ill.	Hench, Marcia	
Heefron, Mary Ann	N.Y.	Hendershott, Susan Jane	
Helfer, Harold Stephen	D.C.	Henderson, Clotilda	
Helfer, Leonard Simon	D.C.	Henderson, Diane Frances	
Hege, Edwin Collins		Henderson, Frederick Maxwell	
Heier, Harold S.	N.J.	Henderson, Helen Neel	
B.S. 1925, Kentucky Wesleyan College	N.Y.	Henderson, John	
A.M. 1928, The George Washington University	Ohio	Henderson, Russell Stewart	
Heiliczzer, Joseph	Md.	Henderson, Virginia Gammons	
Heim, Seymour	Kans.	Henderson, William Harold	
Heimann, Jeanne Louise	D.C.	A.B. 1946, Shepherd College	D.C. Va. D.C. Minn. D.C. Ind. Ohio Va. D.C. D.C.
Heimer, William Lenox	D.C.	Hendon, Harold Eugene	
Hein, Sylvia Marie	D.C.	Hendrick, Earl George	
Heinbaugh, Charles	D.C.	Hendricks, Jack Vincent	
Hendish, Bernard	W.Va.	Hendrickson, Jeanette M.	
Heine, Henry Colegrove	W.Va.	Hendrix, Arthur Keith	
Henneman, Mary Esther	W.Va.	Hendrix, Grace B.	
Henneman, Thelma Sally	W.Va.	Hendrix, Marion Knill	
Hener, Joan	Wis.	Hendrixson, Earl Cliff	
Hennish, Ned O.	Calif.	Heneby, Alfred Garrett	
A.B. 1942, Marshall College		Henezar, Harold H.	
Heinrich, Isabel Katherine	N.Y.	B.S. 1916, Southwest Missouri State Teachers College	
Hemstein, Martin Israel	D.C.	A.M. 1940, University of Missouri	D.C. D.C. Minn. D.C. D.C. N.J. D.C. Va.
A.B. 1942, University of California		Henesy, Gregory Thomas	
Heintzman, Marie Alice	Md.	Henesy, Thomas Joseph	
Heinzel, Joseph Russell	D.C.	Henke, Albert E.	
Heise, William James	Tenn.	Henkel, William Curtis	
Heiser, Will Maynard	D.C.	Henkin, Ezra Nachman	
A.B. 1938, Oberlin College		Hennessy, Charles Edward	
Heisler, George Thomas, Jr.	D.C.	Hennessy, James Joseph, Jr.	
Hekimian, Norris Carroll	D.C.	Hennessy, Vincent Harry	
Held, John Carl	Okla.	Hennigan, Eugene Jerome	
Helena, Cecil Cary	D.C.	B.S. 1939, Pennsylvania State Teachers College, East Stroudsburg	Va. Va. W.Va. D.C. Va. Ill. D.C. Ark.
Helfrich, Norman A.	D.C.	Henoch, Arthur Saul	
Helfrich, Priscilla Pardee	D.C.	Henretta, David Howard	
Helfrich, William Goll, Jr.	Ohio	Henrichs, Margaret Virginia	
Heller, Carl Gerard	D.C.	Henry, Arthur Nicholas	
Heller, Milton	N.Y.	Henry, Camillia E. F.	
Heller, William Russell		Henry, Dorothy	
B.S. 1942, Queens College		Henry, Edwin Stanton, Jr.	
M.S. 1945, Brown University		Henry, Iva Lee	
Hellerman, Rebecca Cornell	Va.	A.B. 1940, Hendrix College	D.C.
Hellman, Ann Frances	D.C.	Henry, Jack Wilkeson, Jr.	
Hellwig, Carl Henry	Ky.	A.B. 1944, The George Washington University	Va. W.Va. D.C.
Helm, Effie		Henry, James, Jr.	
A.B. 1923, Randolph-Macon College		Henry, James F.	
A.M. 1927, Columbia University	Ky.	Henry, Mary Elizabeth	
Helm, Herschelt	D.C.		
Helm, Kathryn			
A.B. 1923, College of Wooster			
Helm, Ruth Ellen			
B.S. 1940, University of Minnesota			
Helman, Philip Leonard	D.C.		

Henry, Norman Holden	D.C.	Hess, William Werner	Va.
Henry, Thomas Robert	D.C.	Hession, John Joseph	D.C.
Henshaw, Robert Harvey	Iowa	A.B. 1935, Harvard University	
Henshaw, Edmund Lee, Jr.	D.C.	M.Ed. 1936, Boston University	
Hensley, Dale Johnson	D.C.	Hessler, Leo George, Jr.	D.C.
Hensley, Marjorie	D.C.	Hester, Donald Therylle	D.C.
Henson, Chelsea Lucere	D.C.	Hester, Jean Hamilton	D.C.
Henson, Edwin Nott, Jr.	D.C.	Hetrick, Carolyn Anne	Pa.
Henton, Harriet Lucille	Ohio	Hettenkemer, Frank Conrad	Md.
A.B. 1943, University of Akron		Hevenor, Emily Myers	D.C.
Hepner, Ethel Ellen	D.C.	Hewett, Ellen Nancy	N.Y.
Hepner, Gerhardt Irving	D.C.	Hewitt, Paul John	D.C.
Herbert, Edward Leslie	D.C.	Hewitt, Clifford Adelbert	Va.
Herbold, George Frederick, Jr.	Md.	Ph.G. 1937, Columbia University	
Herbolsheimer, John Albert	Va.	Hewlett, Glenn H.	Va.
Herdman, Martha Webb	Ohio	Heyl, Dorothy Edith	D.C.
A.B. 1945, Ohio Wesleyan University		Heyl, James	D.C.
Hereford, Gloria Gibson	D.C.	B.S. 1942, University of California	
Hergenrather, Charles Neale	Md.	Hibbs, Thelma Elizabeth	Ohio
Herlihy, George Bernard	Ariz.	Hichlin, William Hugh, Jr.	Va.
Herman, Bernard K.	D.C.	Hickey, Edmund	D.C.
Herman, Celia	N.Y.	Hickey, Jeanne	Miss.
A.B. 1940, Hunter College		Hicklin, William Hugh	D.C.
Herman, Cecile	D.C.	Hickman, Virgil Ward	Md.
Herman, Julius	N.Y.	Hicks, Louis Edward	D.C.
B.E.E. 1943, College of the City		Hicks, Walter Whittier, Jr.	D.C.
of New York		Hiddle, Ruth Breninger	D.C.
Hermanrud, Daisy	D.C.	Hiemenz, James Glenn	La.
Hermberg, Edvard Sybrandt	D.C.	Hiers, Jasper Theodore	N.C.
A.B. 1944, Yale University		Hiers, Ronnie Floyd	Md.
Hernandez, Angela Styers	Va.	Higgins, Frances Rosare	Md.
A.B. 1939, Salem College		Higgins, Helen	Fla.
Hernandez, Carlos Juan	P.R.	Higgins, Hillard Vanus	D.C.
Hernandez, Fernando Vega	D.C.	Higgins, John Joseph	D.C.
Hernandez, Leslie Aldrie	Md.	Higgins, Leonidas Campbell	D.C.
Hessansky, Jeanne Barbara	D.C.	Higgins, Patricia Ann	Tenn.
Hersdon, Donald Floyd	D.C.	Huginson, Helen Rose	Va.
Hersdon, George Lucien	D.C.	B.S. 1946, The George Washington	
Hersdon, Neal Norton, Jr.	Md.	University	
Herr, Harriet Martha	Pa.	Huginson, Jane	Pa.
Hestero, Albert Pardo	Chile	Hul, Robert Dawn	D.C.
Hetrick, Doris Cosper	Mo.	Husidill, Lois Marie	Ark.
B.S. 1940, Washington University		Hignite, Don Louis	Md.
Herrick, Harold Colton, Jr.	Mo.	B.S. 1947, Eastern Kentucky State	
B.S. in E.E. 1947, B.S. in Eng. Adm.		Teachers College	
1938, Washington University		Hilands, William Henry	Oreg.
Herring, Donald Dewar	Mass.	B.S. 1935, University of Washington	
Herrig, Jane Miquel	Md.	Hildebrand, Charles Oakley	D.C.
Herrig, Paul Littleton	Md.	Hildreth, Arthur Lander, Jr.	D.C.
B.S. 1946, University of Maryland		Hildreth, David Melvin	D.C.
Herrin, Vincent Joseph	D.C.	Hildreth, Richard	D.C.
Herrington, Frank F.	Va.	Hill, Cleone Mae	D.C.
Herrington, Peter Niven	Va.	Hill, David William	D.C.
Hessey, Rodney Earl	D.C.	Hill, Donna Marie	D.C.
Heshman, Marshall	D.C.	Hill, Edward Weathers	Md.
Hershon, Luelle Fanny	Va.	Hill, Elaine Krueger	S.D.
Herson, Jacob	Ohio	Hill, Evelyn Williams	Va.
B.S. 1924, College of the City of		Hill, Frank Bruce	Va.
New York		Hill, George Edmond II	Conn.
M.S. 1934, New York University		A.B. 1943, Wesleyan University	
Herson, Jeanette	D.C.	Hill, George Richards	D.C.
Herslich, Abraham	Md.	Hill, Ida May	D.C.
B.S. 1938, Columbia University		Hill, Kearv Lemoine	Va.
Herswig, Ann Hildegarde	Va.	Hill, Marian Flevine	Minn.
Hersbrun, Philip L. Ham	D.C.	Hill, Marie Ellen	Ark.
Hess, Charlotte Rebecca	D.C.	Hill, Margorie Ann	Va.
B.S. 1945, Temple University		Hill, Mollie Letitia	D.C.
Hess, Frederick Howard	D.C.	Hill, Patricia Ann	Md.
Hess, Maurice Albert, Jr.	D.C.	Hill, Richard Work	Va.
Hess, Walter Eugene	Md.	Hill, Susanne	Md.
A.B. 1924, Gettysburg College		Hill, Therman	D.C.
A.M. 1930, University of Wisconsin		Hill, Wayne Kemble	D.C.
Hess, Wilbur Kenneth	Pa.	A.B. 1941, Dartmouth College	

Hill, William Bethel, Jr. B.S. 1941, University of Virginia	Va.	Hitz, Frederick William, Jr. B.S. 1939, Pennsylvania State College	Pa.
Hillary, Louis David	Va.	Hively, Edward Lee B.S. 1944, University of Florida	Fla.
Hilldale, Robert C.	D.C.	Hively, Robert Ellis	Ohio
Hiller, Adelbert James	Neb.	Hix, Ernest Theodore	Va.
Hillhouse, Andrew Fitch, Jr. B.S. 1943, Massachusetts Institute of Technology	N.Y.	Hix, Hugh Bishop	D.C.
Hilliard, Glenn Schwartz	D.C.	Hix, Richard Charles	Va.
Hilliard, James Hamilton	D.C.	Hixon, Deion Lyle	Ala.
Hilliard, Oma Mae	D.C.	Ho, Liu	D.C.
Hilliard, Robert James	D.C.	Ho, Pei Shih	D.C.
Hilliker, Grant Gilbert A.B. 1942, University of Wisconsin	Oreg.	Hong, Irving Charles, Jr.	D.C.
Hillis, Robert Herschel	Va.	Hoodland, Ralph, Jr.	D.C.
Hillman, Jack Allan	Calif.	Hobbs, Alan Boston	Fla.
Hilpert, John Meier B.S. 1948, University of Oregon	D.C.	Hobbs, Claude Elton, Jr. University B.S. 1939, LL.B. 1940, University of North Carolina	N.C.
Hilton, John Perry	Pa.	Hobbs, Edward Irving, Jr.	Va.
Hiltz, Robert Alvin	D.C.	Hobbs, Edward Victor	D.C.
B.S. 1947, Wilson Teachers College	D.C.	Hobbs, Gurnee Cohen	N.C.
Himmelfarb, Jordan Sheldon	D.C.	Hobbs, Jurnus Page	D.C.
Himes, Leonard W. B.S. 1928, Carnegie Institute of Technology	D.C.	Hobbs, Madge Elora	Me.
M.S. 1942, University of Pittsburgh	D.C.	Hobbs, Pauline Bouden	D.C.
Himmelberg, Joseph Leo	D.C.	Hobbs, Richard Huntington	D.C.
Himmelfarb, Stanford William	D.C.	Hobelman, Charles George B.S. 1932, Rutgers University	D.C.
Hinchliffe, John Arthur A.B. 1941, Boston University	D.C.	Hobson, Ivan Leslie, Jr.	N.Y.
B.D. 1946, Garrett Biblical Institute	D.C.	Hock, Joseph Michael	Mass.
Hinkley, Mary Elizabeth	D.C.	Hochmann, Eugene B.S. 1941, M.E. 1948, Massachusetts Institute of Technology	N.Y.
Hinebaugh, John Ellwood	D.C.	Hochwald, Jack	D.C.
Hines, David Glenn	Va.	Hodge, Harry Mangan	Ala.
Hines, John Fore B.S. 1927, United States Naval Academy	D.C.	Hodge, Verna Louise	D.C.
Hines, Mary Catherine	D.C.	Hodges, Dorothy Davis	Vt.
Hines, Robert Haynam	Ohio	Hodges, Malcolm Francois	Ga.
Hines, Spencer Earl	D.C.	Hodges, Quinton Edward B.S. 1945, University of Georgia	D.C.
Hines, William Albert	Tenn.	M.S. 1947, John B. Stetson University	D.C.
Hink, Henry Marcen	Md.	Hodges, Raymond Lewis B.S. 1941, University of Maryland	Calif.
Hinkle, Edward Lyon	D.C.	Hodges, Robert M. A.B. 1943, University of California	Ky.
Hinsdale, Charles E. A.B. 1940, University of North Carolina	N.C.	Hodges, William Goebel, Jr.	D.C.
Hinschaw, Lucile Garnett B.S. 1944, High Point College	D.C.	Hodgeson, Natalie Norwood A.B. 1932, The George Washington University	Neb.
Hinson, Harrison Latham	D.C.	Hodrwalke, Mildred Marie	N.Y.
Hintlian, Isabelle Pauline	D.C.	Hoe, Roberta Henitz	D.C.
Hinton, James Langley	D.C.	Hogner, Russell Leroy	Ariz.
Hintze, Arthur Harris	D.C.	Holacken, Roscoe Lewis	Pa.
Hintze, Royal Henry	Va.	Hoffer, Frances Elizabeth	Ind.
Hintze, William	D.C.	Hoffman, Arthur Daniel	N.Y.
Hirakawa, Anna Toshiko	N.M.	Hoffman, Bernard Leonard	Md.
Hirs, Robert Bruce	D.C.	Hoffman, Bert Arthur	D.C.
Hirsch, Gladys Elkin A.B. 1940, Hunter College	Md.	Hoffman, Bruce Nowell	D.C.
Hirsch, Meyer Maubheim A.B. 1944, B.S. 1945, University of Pittsburgh	D.C.	Hoffman, Fred Samuel	N.Y.
Hirschman, Max Abraham B.S. 1938, M.S. 1940, College of the City of New York	D.C.	Hoffman, Howard Gilmer	D.C.
Hirschberg, Robert Lowe A.B. 1940, Oberlin College	Ohio	Hoffman, Howard Paul	D.C.
Hirst, Anne H	Va.	Hoffman, Irving	D.C.
Hiss, Alfred Lee	W.Va.	Hoffman, John Charles	Md.
Hitchcock, Audrey Townsend	D.C.	Hoffman, Meriam Mae	Va.
Hite, Winston Martin	Va.	Hoffman, Olga Model	D.C.
Hites, William	D.C.	Hoffman, Philip Vincent	D.C.
Hites, Zebulon Weaver	N.C.	Hoffman, Robert Douglas	Md.
		Hoffman, Robin B.Chem Eng. 1947, College of the City of New York	N.Y.
		Hoffman, Theodore Robert	
		Hoffman, Joan	

Students Registered

391

Hofman, Leo Charles	Mch	Holt, Cletis Leon	Va.
Hogan, Douglas LeRoy	D.C.	Holt, David	Tenn.
Hogan, Edward Eugene	N.Y.	A.B. 1941, University of New Hampshire	
Ph.B. 1941, M.D. 1946, Yale University		Holt, Mary Ann	Va.
Holman, Julia May	Mo.	B.S. 1938, Madison College	Md.
Holman, Walter Thomas, Jr.	Ill.	Holterman, Gordon Henry	
Holmes, Thomas Scott	D.C.	B.S. 1936, United States Military Academy	N.Y.
Holmes, Kenneth Eden	D.C.	Holtz, Ida Mae	D.C.
Holmes, Beatrice Mabel	Utah	Holtz, Herbert Manuel	Va.
A.B. 1943, University of Utah		Holtz, Marshall Harold, Jr.	D.C.
Holmes, Peter, Emerson D.	D.C.	Holtz, Shirley Beatrice	D.C.
Holmes, Frank Wells	W.Va.	Holtzman, Joseph	
Holmes, William Morrison	D.C.	A.B. 1946, The George Washington University	
Holmes, Charlotte Wetherill	Md.	Holup, Andrew Charles	Pa.
Holmes, Neil Hoffman	Va.	Holsheld, Thomas Kenneth	D.C.
Holmes, Donald Christian	N.D.	A.B. 1941, Millsaps College	Md.
B.S. 1941, University of North Dakota		Holworth, Dorothy Catherine	
Holmes, Rex G.	D.C.	A.B. 1944, College of Notre Dame	
Holmes, Raymond Clifford	D.C.	A.M. 1946, Catholic University of America	D.C.
Holmes, Frederick Morse	D.C.	Horn, Muriel Lee	Va.
Holmes, Harmon Tyler	D.C.	Hornbach, Elmer W.	D.C.
Holmes, William Collis	Ala.	Hornas, Stephen Michael	D.C.
Holmes, Roy	Va.	Horneman, Jean Louise	N.Y.
Holmes, Clarence	Tex.	Horne, Doris Marcelle	
Holmes, Richard Worth	N.J.	A.B. 1944, Hunter College	Czechoslovakia
A.B. 1945, Antioch College		Horn, Irene Helene	D.C.
Holford, Bond Larry	D.C.	Horn, Robert Elmer	Ind.
Holland, Alan Randolph	Va.	Horn, Bruce	Va.
Holland, Daniel Brown	D.C.	Horn, Charles Perry	Md.
Holland, Denzel Hotaling	Va.	Horn, Courtney Clark	D.C.
Holland, Iris May	Ind.	Horn, Earl Winston	Va.
B.S. 1944, Purdue University		Hook, Eugene Philip	Pa.
Holland, James Edwin	Tenn.	Hook, George Oliver	D.C.
Holland, Leo Joseph, Jr.	D.C.	Hosper, Albert Gordon	Va.
Holland, Townsend Stanley, Jr.	Md.	Hosper, Irene Claire	D.C.
B.S. 1946, University of North Carolina		Hosper, Roy Harry, Jr.	
Holles, Charlene	Fla.	A.B. 1943, The George Washington University	Va.
Holmes, Reynold Ross	Pa.	Hosper, Charles Marion	Wyo.
Holmes, Margaret Erskine	Va.	Hosper, Charles Randolph	Pa.
Holmeshead, Robert Sullivan	D.C.	Hosper, Elizabeth J.	D.C.
Holmesworth, Avene Irene	Canada	Hosper, Ernest David	Oreg.
Holmesworth, Gerald Eugene	D.C.	Hosper, Lawrence Merrill	
Holmesworth, Russell Kuhner, Jr.	D.C.	B.S.C.E. 1948, Oregon State College	Va.
Holmes, Elda Lorraine	Pa.	Hosper, May Manley	D.C.
Holmes, Betty Jane	Va.	Hosper, Me Yuen	Wyo.
Holmes, Harnet	W.Va.	Hosper, Melfred Burns	Pa.
Holmes, James Kleiser	Calif.	Hosper, Paul Herman	
Holmes, Adele	D.C.	B.S. 1944, Franklin and Marshall College	D.C.
Holmes, Thomas Harry	D.C.	Hosper, Robert Edson	D.C.
Holmes, John Ennis	Md.	Hosper, Robert Stocks	Md.
Holmes, Lloyd Edward	D.C.	Hosper, Roger Charles	Md.
Holmes, Robert Phil	Mo.	Hosper, Helen Elizabeth	N.Y.
Holmes, Constance Ida	D.C.	Hoskins, Donald Henry	Md.
Holman, John D.	Va.	Hoskins, John Joseph	
B.S. 1944, Webb Institute of Naval Architecture		Ph.B. 1948, Boston College	
Holman, Robert Edward, Jr.	D.C.	Ed.M. 1926, Boston University	D.C.
Holman, Walton	D.C.	Hoskins, John Thomas, Jr.	Va.
Holmes, Charles Walters	Md.	Hoskins, Marguerite S.	
Holmes, Elizabeth M.	Nebr.	A.B. 1922, University of Nebraska	
Holmes, Jentry S.	Tex.	M.S. 1941, Iowa State College of Agriculture and Mechanic Arts	S.C.
Holmes, Mary Frances	D.C.	Hoskins, Mary Magruder	
U.B. 1928, National University		A.B. in Ed. 1946, University of South Carolina	Maine
Holmes, Mary Lee	Vt.	Hoskins, Richard Carver	D.C.
Holmes, Robert Denzler	Ohio	Hoskins, Stephen Cornwell	
Holmes, Robert Reynolds	D.C.		
Holmes, Thomas James	Md.		
B.S. 1944, University of Maryland			
M.S. 1946, The George Washington University			
Holt, Albert Jack	W.Va.		

Hopman, Abraham Nathan	N.Y.	Houk, Robin Hall	D.C.
B.S.S. 1939, College of the City of New York		Hounton, James Knox	S.C.
Hopper, N. Pearson	Pa.	House, Edwin Bonner	Tex.
B.S. in Ed. 1933, M.S. in Ed. 1934, University of Pennsylvania		A.B. 1937, Rice Institute	S.C.
Hopper, Thomas Bradford, Jr.	D.C.	Houseal, Robert Wright	D.C.
Horan, Helen Josephine	N.H.	B.S. 1943, The Citadel	D.C.
Hord, John D'Hauts	D.C.	Houser, Carol Janice	D.C.
B.S. in R.E. 1934, Massachusetts Institute of Technology		Houser, Herbert Harold	Va.
Hord, Keith Stuart	D.C.	Houser, Ralph Winfred	D.C.
Hordes, Sanford	N.J.	Houston, James Knox	D.C.
LL.B. 1940, University of Maryland		Houston, Robert Joseph	Calif.
Horenstein, Leon Russell	Mass.	Houts, Richard Edward	
B.S. 1943, Northeastern University		A.B. 1943, University of Southern California	Ohio
Hores, William Ralph	D.C.	Hover, Mary Jane	D.C.
Horkan, George Anthony, Jr.	D.C.	A.B. 1944, Cornell University	D.C.
A.B. 1943, University of Pennsylvania		Hovnanian, Mary Aprima	D.C.
Horland, Ruth Lee	Va.	Howar, Raymond Joseph	Iowa
Horn, Arthur Warren Max	Md.	Howard, Arthur Dale	D.C.
Horn, Edith Mattison	D.C.	Howard, Gilbert Kester	D.C.
Horn, Frederick	Md.	Howard, Hope Myrth	Mo.
Horn, Grace Marie	D.C.	Howard, John Ben	Iowa
Horn, Henry Joseph	Pa.	Howard, Lynn Hanford	Va.
B.S. 1941, Lehigh University		Howard, Mary Frances	D.C.
Horn, James Harold	D.C.	Howard, Owen Brent	Idaho
Horn, Maurice Rossiter	Minn.	Howard, Quentin Eugene	D.C.
Hornberges, Gilmore	D.C.	Howard, Raydeen Roland	Tex.
Hornblower, George Marshall	D.C.	B.S. 1943, University of Georgia	Ill.
A.B. 1939, Princeton University		Howard, Rosalyn K.	D.C.
LL.B. 1943, Yale University		Howard, Vincent William	Va.
Horne, Jane Frey	D.C.	Howard, William Edwin	D.C.
Horne, Vivian Mazie	Iowa	Howard, William J.	Sebr.
Horne, Helen Lucille	Pa.	Howard, William John, Jr.	D.C.
Hornstein, Ida Edith	D.C.	Howard, William Reed	D.C.
Horowitz, Herbert David	Md.	Howard, William Roland	Va.
Horowitz, Julius	N.Y.	Howe, Alice Margaret	D.C.
B.S. 1939, College of the City of New York		Howe, Carol Werner	D.C.
Horowitz, Oleta P.	D.C.	Howe, Ierald S.	D.C.
Horowitz, Robert Sidney	Md.	Howe, Walter Gordon	
Horowitz, Sidney H.	N.Y.	A.B. 1942, Catholic University of America	D.C.
Horrell, Jonathan Buxton	Fla.	Howell, David Mitchell	N.C.
A.B. 1941, Johns Hopkins University		Howell, Frances Dodd	Miss.
M.D. 1944, Harvard University		Howell, Leon Davis	Va.
Horton, Harold Burke	Tex.	Howell, Mary Virginia	
B.B.A. 1937, M.B.A. 1938, University of Texas		A.B. 1943, A.M. 1946, The George Washington University	Va.
Horton, Maurice Joseph	D.C.	Howell, Richard Elm	Va.
Horvath, Frank Robert	D.C.	Howenstine, Janice Davis	
Horvath, Vivian Virginia	Ohio	A.B. 1938, A.M. 1939, Ohio State University	D.C.
Horwitz, Daniel David	Va.		D.C.
Horwitz, Harold	N.Y.	Howerth, Shirley Claire	
Horwitz, Harvey	D.C.	Howerton, Hugh King	
Hoshide, Toshio	Calif.	A.B. 1941, Northeastern Missouri State Teachers College	Md.
Hosier, Richard Charles	D.C.	Howerton, Joseph Benjamin	D.C.
Hoskins, Ann Swigury	D.C.	Howes, Harrison Sherman	D.C.
B.S. 1943, University of Illinois		Howes, James Knox, Jr.	Mont.
Hoskinson, Lura Dean	Va.	Howes, Royal Ellsworth	D.C.
Hosterman, John Wallace	D.C.	Howie, David McKay	Mass.
Hotchkiss, John Henry	D.C.	Howie, Donald Lynk	D.C.
Hotelling, Muriel	D.C.	Howison, Irene Santl	Va.
A.B. 1945, Randolph-Macon Woman's College		Howison, John Edwin	Mass.
Hotz, Harry Alexander	Va.	Howland, Harold Howard, Jr.	D.C.
Houchin, Donald Norris	Md.	Howley, John Reed	
Houck, David Russell	Pa.	A.B. 1943, Georgetown University	D.C.
Houff, Janet Mildred	D.C.	Howse, Dorothea Patricia	Va.
Hough, Herbert Jules	D.C.	Hoxton, Archibald Robinson, Jr.	
Houghtelings, Margaret Stuyvesant	D.C.	A.B. 1939, Yale University	D.C.
A.B. 1943, Vassar College		Hoyme, Lucile Eleanor	Va.
Houghton, Robert Jaquette	D.C.	Hoyt, Austin	
		LL.B. 1938, University of Virginia	

Hoyt, Forrest Timothy LL.B. 1939, The George Washington University	Ariz.	Huhta, Clifford Edwin	Oreg.
Hoyt, Jane Earl	D.C.	Hulbert, Virginia Witherspoon	Md.
Hoyt, Jeanne Edith	D.C.	Hulbish, Harriett Virginia Folger	Va.
Hoyt, Rachel Jean	D.C.	Hulbish, Jane Pennington	Va.
Hsu, Chang-Lin A.B. 1923, B.S. 1931, West China University	D.C.	Hull, George Roswell	N.D.
M.S. 1933, Oklahoma Agriculture and Mechanical College	D.C.	A.B. 1949, Morehead State Teachers College	
Hu, Yu Hsuan	China	Hulsey, Billy, Jr.	D.C.
Huang, Charles Louis	Md.	Hulsey, Judson Dowling	D.C.
Huang, Chi Chou	D.C.	Hultmark, Seattle Lee	Mo.
Haard, Raymond Francis	N.H.	Humbert, William Laishley	Pa.
Hubbard, Dwight Lowell	D.C.	Hume, Elmer Clarence, Jr.	Ky.
A.B. 1935, San Jose State College		LL.B. 1946, University of Louisville	
A.B. 1937, The George Washington University		Hummer, Robert B. F.	Okla.
Hubbard, Myla	Ind.	Hummer, Robert Warren	D.C.
Hubbard, Wharton Drexel B.S. 1946, Harvard University	D.C.	Humphrey, Georgia Mae	D.C.
Hubbeling, John Detmer William, Jr.	D.C.	Humphrey, John Julian	D.C.
Hubbell, Richard Francis	Va.	Humphreys, Wilson Fettera	Va.
Huck, Robert John	Iowa	Humphreys, James Painter	Va.
Huck, Clifford James	Va.	Hundley, Herbert Wendell	D.C.
Hudgins, John Jefferson	Pa.	Hunendi, Abdel K.	Syria
Hudnall, James B.	S.C.	Hunendi, Touffe	Syria
Hudock, Nancy Marie	D.C.	A.B. A.M. 1943, American Univer- sity of Beyrouth	
Hudson, Doris Jeanne	D.C.	Hunedman, Farrald Gretchen	D.C.
Hudson, Eileen Anna	D.C.	A.B. 1922, Indiana University	China
Hudson, Frieda Amelia	N.C.	Hung, Chung Chong	
Hudson, Glenn Walton	W.Va.	A.B. 1927, San Diego State College	
Hudson, James Matthew	Va.	A.M. 1929, Columbia University	
Hudson, Kharmin Maxine	Tenn.	Hungerford, James Ferguson	Va.
Hudson, Lois	N.C.	Hunley, William Henry	D.C.
Hudson, Mamie Louise	D.C.	Hunt, Audree Jane	Va.
Hudson, Mary Jean	D.C.	Hunt, Catherine Frances	Md.
Hudson, Robert Sheffield	Ga.	B.S. 1934, St. Joseph's College	
Hudson, Russell Jackson	Ala.	Hunt, Charlotte Ruth	D.C.
Huey, Hilda Jean	D.C.	Hunt, Donley Frayne	Wis.
Huey, Robert Carter	Va.	Hunt, Gladys Laura	D.C.
Huff, Carroll Woodrow	Md.	Hunt, Leonard Marion	D.C.
Huff, June Wilson	Va.	Hunt, Louise Hart	D.C.
Huff, Thomas Robert	D.C.	Hunt, Lyman Willis Lee	Okla.
Huffman, Clarence Taylor	D.C.	Hunt, Phelps	Md.
Huffman, Randolph Edgar	Md.	Hunt, Thomas Joseph	Md.
Huffman, Robert Ephraim	Md.	Hunter, Eldred Tait, Jr.	D.C.
Huffman, William E.	Md.	Hunter, Joe Sanford	Okla.
Huffman, William F.	Pa.	Hunter, John Morris	Va.
Hefford, Frances	D.C.	Hunter, Juliet Lehman	Va.
Hefford, Josephine Forbes	D.C.	Hunter, Laverne O.	Va.
Heffy, Lawrence	D.C.	Hunter, Mary Craig	N.C.
B.C.E. 1942, Catholic University of America		Hunter, Millard Stanton	
Holmadel, Frederica Louise	Ohio	B.S. 1948, University of North Carolina	
Hughes, Alfred Lee	Va.	Huston, Richard Edwin	Va.
Hughes, Brandon Chappelle	D.C.	Huntsberger, Carl Myron, Jr.	Va.
Hughes, Brent Harland	S.C.	A.B. 1941, Carnegie Institute of Technology	
Hughes, Colin Anfield	Bahamas	Hupp, George Bailey	Md.
Hughes, David Wilda	Del.	Huppmann, Teresa Mary	D.C.
Hughes, Donald Newman	Pa.	Hurdle, Richard Emmett	D.C.
Hughes, Edna Cornelia	D.C.	Hurkett, Jack Walter	D.C.
Hughes, Eleanor June	D.C.	Hurley, Charles Warren	D.C.
B.S. 1946, Salem College	D.C.	Hurley, Dennis Augustine	D.C.
Hughes, Mabel McCary	Va.	Hurley, John James	D.C.
Hughes, Mary Margaret	Pa.	Hurley, Karl Carley	D.C.
Hughes, Susan Carolyn	N.Y.	Hurley, Ray Lester	Wis.
Hughes, Wilton John	Va.	Hurley, Robert Francis	D.C.
Hugo, Thomas Amsell	Ind.	Huschman, Jack	Del.
Huhn, Florence Celatia	D.C.	Hurst, Donald Andrew	D.C.
B.S. 1936, Wilson Teachers College		Hurst, Thomas Lee	Md.
		Hurt, Thomas LeRoy	Ky.
		Hurwitz, Arthur Bernard	Pa.
		Hurwitz, Hannah Evelyn	D.C.
		Hurwitz, Harlan Earl	Mass.
		Hury, Julia	Conn.

Hussar, Edward John	D.C.	Ingram, Lois	D.C.
A.B. 1946, The George Washington University		Ingram, Robert Lee	D.C.
Hussey, George Frederick	Mass.	Inman, Ernest Edwin	D.C.
Hutcheson, Benjamin F.	Va.	Interdonato, Paul Frank	D.C.
B.S. 1941, The George Washington University		A.B. 1946, The George Washington University	
Huston, Hubert David	D.C.	Irish, Mary Alice	D.C.
Huston, Mary Alice	Ohio	Irish, Robert Gudwin	N.Y.
Hutcherson, Roy Hamilton, Jr.	Va.	B.S. in A.E. 1940, Cornell University	W.Va.
Hutcherson, Esthelen Mae	Va.	Irvin, Herbert McClellan	Ill.
Hutchinson, George Edward	Ohio	A.B. 1941, Shepherd College	D.C.
Hutchinson, Harold		Irvin, Joseph Neil	Iowa
B.S. 1936, University of Akron		Irvine, Bruce Fay	Ma.
Hutchinson, Mae Agnes	D.C.	Irving, George Timothy	
Hutchinson, Robert Arthur	D.C.	Irwin, Edward Suter	
Hutchinson, James Calhoun	Va.	B.S. 1940, M.S. 1942, University of Vermont	Vt.
Hutchinson, James Taylor	D.C.	Irwin, Harry Elmer	D.C.
Hutton, Sylvia Fay Lorenz	Tex.	Irwin, Mort Foster	D.C.
Hutt, James Brooke, Jr.	Va.	Isaac, Charles Martin	N.Y.
B.S. 1941, University of Michigan	N.Y.	Isaacs, Claude Josephine	D.C.
Hutter, Sam J.	Fla.	Isaacs, Jane Garland	D.C.
Hutton, Henry Flynn	Wis.	Isaacson, Gerald	
Hutton, Florence Adel	Va.	A.B. 1942, University of Pittsburgh	Pt.
Hwyler, Ann	D.C.	Isaacs, Robert Lewis	D.C.
Hwyler, Lee Emerson	D.C.	Isaminger, John Wilbur	D.C.
Hyatt, Elizabeth Louise		Isenberg, June Elizabeth	
A.B. 1946, The George Washington University		Ishee, Tommy Coble	Utah
Hyatt, Joan Rose	Ga.	A.B. 1946, Mississippi College	Vt.
Hyde, DeWitt Stephen	Md.	Ishio, Sumio	D.C.
Hyde, Donald	Idaho	Ishov, Victor Andrew	Va.
A.B. 1939, The George Washington University		Isler-Eilers, Sophia Claire	
Hyer, William Fred	Tex.	Isom, Clifford Clinton	Calif.
B.S. 1942, Oklahoma Agricultural and Mechanical College		B.S. 1939, Kansas State College of Agriculture and Applied Science	
Hvert, William Frank	Va.	Isrell, Peter Roy	
Hylant, Emory Paul	D.C.	A.B. 1945, The George Washington University	D.C.
Hymar, Mary Jane	D.C.	Itkin, Karl	Md.
Hymowitz, Helen	D.C.	B.S. in E.E. 1934, Cooper Union	
Hymowitz, Stanley L.	D.C.	Iungerich, Alexander	N.J.
Hynes, Andy Stanley	D.C.	A.B. 1939, Duquesne University	D.C.
Hynes, Edward Augustin	Va.	Iuso, Mary Josephine	Va.
Hynes, Robert Edward	Maine	Iverson, John Roger	D.C.
Hynes, Thomas Edmund		Ivey, James Burnett	Va.
		Ivey, Robert Velasco	D.C.
I		Ivie, Edna Joyzelle	
Iadarola, Joseph M.	Va.	Izumi, Missao	
Iddings, Elizabeth Barrigan	D.C.		
A.B. 1946, The George Washington University		Jablowska, Rose	Poland
Iddins, Lloyd Andre	D.C.	Jack, Paul Summers, Jr.	Va.
Idleman, Dorothy May	W.Va.	Jacks, Jerry M.	N.J.
A.B. 1941, Bridgewater College		Jackie, William John	Ill.
A.M. 1937, West Virginia University		Jackman, Mildred Brown	D.C.
Ihara, Hideo	D.C.	Jackson, Blaine Carroll	Ind.
Ihara, Robert Fozard	Va.	Jackson, Charles Louis	ME
B.S. 1941, New York University		Jackson, Frank Holbrook	D.C.
Imasawa, Akira Howard	Mich.	Jackson, Frank Shields	Va.
B.S. 1941, University of California		Jackson, George Francis	D.C.
Imam, Ibrahim Eldessouky	Egypt	Jackson, James Douglas	D.C.
Imber, Oscar	Md.	Jackson, Jessa May	Tex.
Imrie, Charles Wade	Md.	Jackson, John Waddell	
Imlay, Carl Hudson	D.C.	Jackson, Joseph Brown, Jr.	
A.B. 1946, Harvard University		A.B. 1946, Texas Technological College	Ga.
Immun, Norbert George	D.C.	Jackson, Joseph Warren	D.C.
Immerman, Franklin Robert	D.C.	Jacks, Mary Sullivan	D.C.
Imalls, Curt's Walter	Md.	Jackson, Owen Wilson	
Imalls, Virginia Katherine	Maine	A.B. 1945, The George Washington University	D.C.
Ingersoll, Mary L.	Md.		
Ingram, Frances Baker	D.C.	Jackson, Philip G	
Ingram, Lawrence Warren	D.C.		

Jackson, Robert Adrian	D.C.	James, Festus Burrell	W.Va.
Jackson, Robert Eugene	Ind.	James, Harold Frederic	Md.
Jackson, Robert McClelland	Mass.	James, Howard Victor	Md.
Jackson, Sellwyn Charles	Mass.	James, Paul Marshall	D.C.
L.L.B. 1938, Boston College		James, Phyllis Donathea	Va.
Jackson, Thomas Lester	Pa.	James, Robert Wilson	D.C.
Jackson, William Edward, Jr.	D.C.	Jamison, Katherine Mae	D.C.
Jackson, Wilma Leona Class	Ohio	Jampelsky, Alton Morton	R.I.
Jacob, John Brevard	D.C.	James, David Grafting	D.C.
Jacob, Morgan Fitzpatrick	D.C.	James, David, Carroll College	
Jacob, Phyllis Eileen	Md.		D.C.
Jacob, Wayne Thompson	N.Y.	Janet, Helen Pauline	N.J.
Jacob, Herbert Jay, Jr.	D.C.	Janke, Edward Frederick II	D.C.
Jacob, Wilma June	D.C.	Jantzen, Jan Paul	Minn.
A.B. 1941, Duke University		Jansen, Louise Margaret	
Jacobs, Arthur Alfred	N.Y.	B.S. in L.S. 1933, A.B. 1934, College of St. Catherine	
Jacobs, B.S. 1939, New York University		A.M. in L.S. 1938, University of Michigan	
Jacobs, Dorothy Alice	Wis.	Janson, Lars Edward	Va.
Jacobs, Harvey Allen	D.C.	Jaracz, William Andrews	Mass.
Jacobs, James Wiley	Md.	Jarman, Frank Gerald	D.C.
Jacobs, Joseph Thomas	Pa.	Jarrett, Raymond Kenneth	D.C.
Jacobs, Judith Frank	N.Y.	B.S. 1942, St. Benedict's College	
A.B. 1946, Antioch College		Jarrett, Charles Harold	Va.
Jacobs, Julia deJongh	Fla.	Jarvis, Albee Joseph	Mass.
Jacobs, Leon	N.Y.	Jasch, Verlin Elmer	Md.
A.B. 1935, Brooklyn College		Jaschewsky, Bernard A.	N.Y.
A.M. 1948, The George Washington University		Jasiewicz, Joseph Francis	Pa.
Jacobs, Milton	D.C.	Jasper, Estelle Shirley	N.Y.
Jacobs, Morris Alex	N.Y.	Jasper, James Dudley	Va.
Jacobs, Mortimer C.	D.C.	Jasper, Norman Hans	D.C.
B.S. 1942, College of the City of New York		B.M.E. 1941, College of the City of New York	
Jacobs, Pearl Virgil	Fla.	Jass, Andrew Edward	N.Y.
Jacobs, Sidney P.	D.C.	Jaszczyk, Thaddeus Peter	Va.
Jacobs, Thomas Bernard	Pa.	B.S. 1939, Newark College of Engineering	
Jacobs, William Henry	D.C.		Conn.
Jacobson, Marshall H.	Va.	Jaworowski, Irene Mary	
A.B. 1945, The George Washington University		A.B. 1945, American University	Kans.
Jacobson, Martin	D.C.	Jaynes, Ellen Thomas	Md.
B.S. 1940, College of the City of New York		Jecko, Petra Joseph	D.C.
Jacobson, Melvin Lawrence	D.C.	Jeffers, John Cordell	D.C.
Jacobsen, Meyer Isler	N.Y.	Jeffers, Norton Lyndon	D.C.
B.S.S. 1938, M.S. 1941, College of the City of New York		Jefferson, Jennie Marguerite	D.C.
Jacobson, Miriam Lillian	Va.	Jefferson, Louis Wilson	D.C.
Jacobson, Odd Thomas	N.D.	Jefferson, William Douglas	Va.
Jacobson, Stanley Warren	D.C.	Jeffers, Robert Knapp	D.C.
Jacobson, Wesley Cassel	Iowa	Jeffrey, Charles Thomas	D.C.
A.B. 1940, State University of Iowa		Jeffries, Albert Carmie, Jr.	Va.
Jacobs, Katherine	Mo.	Jeffries, Hazel Evelyn	
A.B. 1941, Lindenwood College		B.S. 1944, Mary Washington College	D.C.
Jacoby, William James, Jr.	D.C.	Jelabian, Ashud	D.C.
Jacobs, Cynthia Ann	D.C.	Jelken, John	Va.
Jaffe, John Henry	D.C.	Jelonek, Winifred Morgan	Md.
Jaffe, Irving Stanley	N.I.	Jemison, Mae Stillines	Ill.
A.B. 1945, University of Michigan		Jereks, Carlton Howard	
Jaffa, Paul	N.Y.	B.S. 1940, University of Illinois	Iowa
Jagers, Donald Bruce	N.Y.	Jenkel, Albert Arthur	Iowa
Jain, Alfredo	D.C.	Jenkel, Martin John	Md.
Jakes, Avar	Ill.	Jenkins, David S.	Fla.
Jakes, Robert	Tenn.	Jenkins, Doris Keyes	
A.B. 1928, Vanderbilt University		B.M.E. 1946, University of Virginia	Ohio
James, Ada Florence	D.C.	Jenkins, Edwin Vernon	
A.B. 1941, The George Washington University		A.B. 1940, Kenyon College	D.C.
James, Alport Donovan, Jr.	Va.	Jenkins, George Marion	D.C.
A.B. 1937, Yale University		Jenkins, O. Everett	Va.
James, Cecil Irving	W.Va.	Jenkins, Otto Marshall	S.C.
James, Edith Lee	D.C.	Jenkins, Phyllis Marie	Pa.
		Jenkins, Robert Lawrence	Md.
		Jenkins, Thomas R. Jeeter, Jr.	
		B.S. 1944, Franklin and Marshall College	D.C.
		Jenks, Loren Morgan, Jr.	

Jennings, Mary Claire	D.C.	Johnson, Eva M.	Md.
Jensen, David Elden	Utah	Johnson, Everett Carl	Va.
Jensen, Earl H.	Okla.	Johnson, Frank Calvin	Va.
Jensen, Genevieve Bernice	Minn.	Johnson, Frank Tracy	Md.
Jensen, Nan Christine	Va.	Johnson, Glenn LeRoy	Va.
Jensen, Richard Lee	S.C.	A.B. 1940, University of Illinois	Va.
Jensen, Wayne Frederick	Va.	M.S. 1942, Michigan State College	Va.
Jenson, Charlotte Lorraine	D.C.	Johnson, Haywood Collier, Jr.	Va.
Jenson, Julian Josephine	Kans.	Johnson, Helen Lukens	Va.
Jentile, Ralph Francis	Pa.	Johnson, Henry Belt	D.C.
Jeppson, Shirley Melvin	Utah	Johnson, Henry Edwin	D.C.
Jermason, Ilene Minerva	N.D.	Johnson, Howard Hamilton, Jr.	Va.
Jernberg, Dale Leonard	Tex.	Johnson, Howard O.	D.C.
Jervey, Mury Elizabeth	D.C.	Johnson, Humphrey Wynne	Wg.
Jeter, William Tyree	Okla.	Johnson, James Arthur	D.C.
Jett, James Gordon	D.C.	Johnson, James Coombs	N.C.
B.S. in Ed. 1942, Maryland State		Johnson, James Myrover	D.C.
Teachers College		Johnson, Jessie Margaret	
Jett, Margaret Stewart	D.C.	A.B. 1944, A.M. 1946, The George	Ill.
Jetton, Girard Revel, Jr.	D.C.	Washington University	D.C.
B.S. 1943, The George Washington		Johnson, John Edgar	Va.
University		Johnson, John Henry	Ala.
Jetton, Elden Verner	Kans.	Johnson, Joseph Henry	
Jew, Kee Kai	D.C.	Johnson, Keifer Raye	
Jewell, Fremont Henry	Md.	A.B. 1946, The George Washington	D.C.
Jewell, Joseph Thomas	D.C.	University	W.Va.
Jewell, Keith Robert	Md.	Johnson, Laura Adrian	D.C.
Jewell, Vernon Courtland	Va.	Johnson, Lee McClelland	Minn.
Jewett, Lucille M.	Minn.	Johnson, Lee Reames	Va.
Jimenez, Doris A.	P.R.	Johnson, Leighton Eugene	Ohio
Jobe, Mabel Lyon	D.C.	Johnson, Leon Randolph	Mont.
B.S. 1941, Wilson Teachers College		Johnson, Leslie Addison	D.C.
Jobe, Milton Lockwood	Ala.	Johnson, Loretta Imogene	N.M.
Joe, Lambert Sayce	D.C.	Johnson, Louis Earl	
Joffe, Howard Nathan	N.Y.	Johnson, Maureen Mildred	
Joffe, Irving	D.C.	B.S. 1933, M.S. 1943, Brigham	
Joffe, Norman	Pa.	Young University	Iowa
Johler, Joseph Ralph		Johnson, Nellie D.	Mo.
A.B. 1941, American University		Johnson, Olin Beeler	
John, Wayne Wilborn	Va.	A.B. 1944, Western Michigan College	D.C.
Johnes, Peretz William	D.C.	Johnson, Norton Steele	Md.
Johnston, William Henry	Iowa	Johnson, Olivia Cecelia	N.H.
B.S. 1931, United States Naval		Johnson, Paul Fogerty	Ill.
Academy		Johnson, Paul John	D.C.
Johnson, Albert Sidney	S.C.	Johnson, Pete Joseph	D.C.
B.S. 1946, University of South		Johnson, Peter Herbert	Iowa
Carolina		Johnson, Richard Carl	Ky.
Johnson, Alfred Paul	Mass.	Johnson, Richard Wayne	Ohio
Johnson, Andrew Robert	Md.	Johnson, Robert Crasckett	N.J.
Johnson, Augustus Clark	D.C.	Johnson, Robert Eugene	D.C.
A.B. 1946, The George Washington		Johnson, Robert Guy	D.C.
University		Johnson, Robert Sumner	Colo.
Johnson, Barbara Anne	D.C.	Johnson, Roy Albin	Md.
Johnson, Bernard Lee	D.C.	Johnson, Roy Travis	D.C.
Johnson, Calvin Newton	Va.	Johnson, Sumner Robert	Ill.
Johnson, Carl Richard Dean	D.C.	Johnson, Theodore Robert	Conn.
Johnson, Charlene May	D.C.	Johnson, Velma Irene	D.C.
Johnson, Charles Ray	W.Va.	Johnson, Victor Eric	D.C.
Johnson, Charlotte Albertina	Minn.	Johnson, Victor Herbert	Mass.
B.B.A. 1932, University of Minnesota		Johnson, Virginia Laine	Va.
Johnson, Clarence Edward	Minn.	Johnson, Virginia Laine	
Johnson, Clyde George	D.C.	Johnson, Virginia Laine	
Johnson, Darrell Edward	D.C.	Johnson, Virginia Laine	
Johnson, David Pierce	Ga.	Johnson, Virginia Laine	
Johnson, Dorothy Lee	D.C.	Johnson, Virginia Laine	
B.S. 1941, Wilson Teachers College		Johnson, Virginia Laine	
A.M. 1945, The George Washington		Johnson, Virginia Laine	
University		Johnson, Virginia Laine	
Johnson, Elizabeth Robishaw	D.C.	Johnson, Virginia Laine	
Johnson, Elma Elvera	D.C.	Johnson, Virginia Laine	
Johnson, Elsie Mildred	Pa.	Johnson, Virginia Laine	
Johnson, Elsie Nora	D.C.	Johnson, Virginia Laine	
B.S. 1936, Wilson Teachers College		Johnson, Virginia Laine	

Students Registered

397

Johnston, J. Monte	D.C.	Jones, John House	Va.
Johnston, Joseph Lawrence	N.Y.	B.S. 1946, Medical College of Virginia	Tex.
Johnston, Martha Diven	Va.	Jones, Lemuel C.	D.C.
Johnston, Mildred	D.C.	Jones, Lloyd	
Johnston, Milton Kessler	D.C.	B.S. in E.E. 1927, University of	
Johnston, Richard Charles	Va.	North Carolina	
Johnston, Robert Lee	D.C.	Jones, Lloyd Lee	D.C.
Johnston, Thomas Henry, Jr.	Va.	Jones, Merriam Arthur	Va.
B.M.E. 1940, The George Washington		A.B. 1933, University of North	
University		Dakota	
Johnston, Virginia Laing	D.C.	Jones, Olin Wilborn, Jr.	Okl.
Johnston, William Drumm	D.C.	A.B. 1940, University of Oklahoma	
B.S. 1921, University of Chicago		Jones, Ralph Anson	Pa.
A.M. 1910, Ph.D. 1915, The George		A.B. 1918, Pennsylvania State College	
Washington University		Jones, Robert Bennett	Md.
Johnstone, James Douglass	Ala.	Jones, Robert Copeland, Jr.	Md.
Johnstone, James Taylor	Va.	Jones, Robert Hudson	Va.
D.V.M. 1936, Ohio State University		B.S. in E.E. 1929, University of	
Jones, Osceola C. Field	Va.	Missouri	
B.S. 1940, Alabama State Teachers		M.S. in E.E. 1913, Union College	
College, Florence		Jones, Robert Kay	Va.
John, Marvin Arnold	Md.	Jones, Robert Paul	Ga.
Jonathan, John George	D.C.	Jones, Ruby Rowena	
Jones, Aila Grierson	N.J.	B.S. 1940, Berry College	
Jones, Alice Gwendolyn	D.C.	Jones, Ruth Elsie	Md.
Jones, Allen Hugh	Md.	A.B. 1940, Baylor University	
Jones, Benjamin Franklin	D.C.	Jones, Sara Unghart	D.C.
A.B. 1927, Vanderbilt University		Jones, Telford A.	D.C.
Jones, Benjamin Perry, Jr.	N.C.	Jones, Virginia Walton	Va.
Jones, Bernice Grace	N.C.	A.B. 1944, The George Washington	
Jones, Carl Neuhansen	Va.	University	
A.B. 1937, University of Oregon		Jones, Walter Warren	Ky.
Jones, Chester Harris	Md.	Jones, William McPheeters	Va.
Jones, Coleman Bond, Jr.	D.C.	B.S. 1929, The Citadel	
Jones, Corson	Md.	Jones, William Paul	D.C.
Jones, Colten Bryant, Jr.	Md.	A.B. 1947, The George Washington	
Jones, Darrell Lloyd	Tex.	University	
Jones, David Grifling	D.C.	Longest, Louis Alphonse	D.C.
A.B. 1947, Carroll College		A.B. 1932, Villanova College	
Jones, David John	Va.	A.M. 1931, Duke University	
Jones, Donald Anthony	D.C.	Jonson, Carl Egerton	Va.
Jones, Donald Solwah	N.Y.	Jonson, Cecilia C.	Va.
A.B. 1946, Cornell University		Jonson, Gloria Arlene	Maine
Jones, Doris Jeanne	D.C.	Jordan, Allan William	D.C.
Jones, Dorothy Clarissa	D.C.	Jordan, George Sanford	Va.
Jones, Edward Huss	N.Y.	Jordan, George William	Miss.
A.B. 1917, Thiel College		Jordan, Rena Claire	Va.
Jones, Edward Taylor	D.C.	Jordan, Robert Paul	Va.
Jones, Elbert Francis	D.C.	Jordan, William Watkins, Jr.	Va.
Jones, Estill Boen, Jr.	D.C.	Jorgensen, Lorents Rene	N.J.
A.B. 1941, Berea College		Jorgensen, James Lewis	Va.
Jones, Franklin Pierce	D.C.	Joseph, Barbara Anne	Md.
Jones, Harold F.	D.C.	Josephson, Gilbert C.	Pa.
Jones, Harry Clay	Va.	Josten, George Bernard	Iowa
Jones, Helen Betchley	Va.	Joura, Helen Marie	Pa.
B.S. 1942, Syracuse University		Jozsi, Joe, Lomisa Anna Maria	
Jones, Helen Neretta	Ky.	A.B. 1946, The George Washington	
Jones, Helen Stuart	Va.	University	
B.S. 1946, Mary Washington College		Jozsi, Joe, Martha Elizabeth	Pa.
Jones, Henry Lewis	Va.	Juarez, Joe Angel	Tex.
Jones, Howard L.	D.C.	Judd, Dudley Frank, Jr.	Va.
Jones, Hubert Glenn	Md.	Judd, Sally Frances	D.C.
Jones, Hugh Howard	Va.	B.S. 1946, The George Washington	
B.S. 1921, College of William and		University	
Mary		Judson, Abe James	N.Y.
Jones, Hugh Howard, Jr.	Va.	Judy, Mary Pleasant	Va.
Jones, Jack Clayton	Okl.	Juengst, Alice Pauline	Ohio
B.S. in Chem. Eng. 1930, Oklahoma		A.B. 1944, Ohio State College	
Agricultural and Mechanical College		Juengst, George William	Ohio
Jones, James Elwood, Jr.	N.C.	Jukes, James Herbert Fielding	Md.
Jones, James Frederick	Va.	A.B. 1943, St. John's College	
Jones, James Mitchell	D.C.	Jukofsky, Herman	N.Y.
Jones, Jean	Ark.		

Julian, Otis Kenneth
A.B. 1916, Friends University
Julier, James W.
Julia, Joseph R.
Julius, Richard Friedli
Junival, Raymond Wright
Jungermann, John Joseph
B.E.F. 1941, University of Louisville
Junker, Francis Joseph
Junker, Norman Amos
Junkin, Mary Denny
Jurash, Peter Paul
Jurey, John J.
Jurov, Mae Wechsler
Justman, Simon
B.S. 1919, College of the City of
New York
Juvenal, Sally Glenn

K

Kaczmar, William
Kaden, Rita
Kadins, Max Schott
Kadoshan, Herbert Abner
Kae, Norman N.
Kagan, Percy Harry
Kahan, Robert Bernard
Kahler, Dorothy Louise
Kahler, Irene Estelle
Kahler, Lois Ann
Kamm, Bernard Harvey
Kahn, Cathleen Louise
Kahn, Elizabeth
Kahn, Evans
A.B. 1932, Yale University
Kahn, Fritz Reiner
Kahn, Harnet Sybel
Kahn, Leon
Kahn, Zelma
Kasser, Stanley Mortimer
Kasser, Thelma Elizabeth
Katz, Harry Carl
B.S. 1928, Temple University
Katz, Elliot
Katz, Hyman B.
A.B. 1942, The George Washington
University
Katz, John
Katz, Frank Albert
Katz, Ira
Katz, Irving
B.B.A. 1938, College of the City
of New York
Kellman, Beatrice
Kalmans, Lorraine
B.S. 1941, Wilson Teachers College
Kalstad, Henry M.
Kalter, Arthur Martin
Kalter, Karl
A.B. 1945, The George Washington
University
Kelv, George Paul
Kelvin, Paul Craig
Kamban, Sibyl Gudny
Kameeka, Julia
Kane, Edward I.
Kane, Eleanor Bushee
Kane, Frank Michael
Kane, John Joseph
A.B. 1944, LaSalle College

D.C. Kane, Joseph Lester
B.S. 1924, United States Naval
Academy
D.C. Kane, Paul Joseph
D.C. Kane, Robert Emmer
D.C. Kane, Roslyn Dince
Md. A.B. 1939, University of North
Carolina
D.C. Kaneko, Arthur Masaaki
D.C. Kanline, John Robert
D.C. Kannenberg, Myron Hollis
D.C. Kanost, John, Jr.
D.C. Kansananda, Ohintana
Va. Lincence in Lettres 1942, Laval
University
D.C. Kanstoroom, Dolores Shirley
Kanter, Jules Irving
D.C. B.S. in E.E. 1942, Virginia Poly-
technic Institute
Kantor, Solmey
Kantrowitz, Gerald
Kapeluck, Peter
Va. Kaplan, Benjamin David
N.J. Kaplan, Bertram W.
N.Y. Kaplan, Evelyn Lessin
N.Y. A.B. 1930, Hunter College
D.C. Kaplan, George
Mass. Kaplan, Harry
Conn. Kaplan, Irving William
D.C. Kaplan, Jack Raymond
Md. Kaplan, Leah
Md. B.S. 1935, Wilson Teachers College
D.C. A.M. 1917, Catholic University of
America
D.C. Kaplan, Nathan
N.Y. A.B. 1939, College of the City of
New York
Md. Kaplan, Paul Harold
D.C. Kaplan, Stanley Theodore
D.C. Kaplan, Sumner Herbert
D.C. Kaplan, Therese Louise
D.C. Kapsianos, William George
P. Karadibol, Gerald Jerome
D.C. Karadimos, Peter Spiros
D.C. Karantons, Claudia Marree
D.C. Karayannis, Konstantinos
Mass. Karazikas, Eleni Pericles
Karachem, Alfred
Mass. Karatzopoulos, Edward
Kardos, John R.
Kardv, Leonard Thomas
Karl, Betty Jane
D.C. A.B. 1945, The George Washington
University
D.C. Katus, Ross Samuel
D.C. Karp, Jeanette
D.C. Karpas, Herbert Robert
Md. Karr, Lyman Wallace
Pa. Karsten, Karen Margaret
N.Y. Kariba, Larry
O.C. Kasanof, Eugene
Md. Kasbaum, Raymond P.
Va. Kasden, Janet Roberta
D.C. Kash, Mary Jane
Kashow, Clifford
D.C. A.B. 1945, The George Washington
University
D.C. Kasnet, Justine Florence
N.Y. Kaspar, Henry Nathan
N.Y. Kasper, Jerome
Kassalow, Sylvia Dicker
A.B. 1945, The George Washington
University

Kath, Lloyd Louis	Minn.	Kearney, Robert Allison	Fla.
Kathan, Marshall	D.C.	Kearns, Thomas Francis	Va.
A.B. 1932, Iowa State Teachers College		A.B. 1939, B.S. 1940, Columbia University	N.Y.
Kattenberg, Paul M.	D.C.	Keates, Waudred Smith	Ill.
B.S. 1944, University of North Carolina		B.S. 1949, Northwestern University	Md.
Katolska, Joseph Henry	D.C.	Keat, James Edmund	D.C.
Katz, Irving	N.Y.	Keating, William Joseph	Conn.
B.S. 1937, College of the City of New York		B.S. 1940, United States Naval Academy	Ill.
Katz, Joseph P.	N.Y.	Keating, James Victor	D.C.
B.B.A. 1949, College of the City of New York		Keating, Robert Gordon	Ill.
Katz, Louis	D.C.	Keats, Edmund S.	
Katz, Julius Louise	N.Y.	B.S. 1948, United States Naval Academy	Pa.
Katz, Miriam	N.Y.	Keck, Edwin William	D.C.
Katz, Morris	N.Y.	Keck, Bertha Forest	D.C.
B.B.A. 1941, College of the City of New York		Keck, Richard Max	D.C.
Katz, Morton Harry	Md.	Keefe, Robert Anthony	Mass.
Katzen, Sally Rose	D.C.	Keefe, Robert Francis	D.C.
B.S. 1940, Wilson Teachers College		Keefe, James	Va.
Kaufman, Herman Julius	N.Y.	Kel, Elmer Woodrow	D.C.
Kaufman, Charles Lawrence	Va.	Kel, Lewis Gibson	D.C.
Kaufman, John William	D.C.	Keefe, Frank Milton	D.C.
Kaufman, Arthur	D.C.	Keller, Betty Blue	Va.
Kaufman, Betward	D.C.	Keen, Owen Allen	Md.
Kaufman, Joey	D.C.	Keeney, Betty Jean	N.J.
Kaufman, Lynn Anderson	D.C.	Keene, Hedges Rodney	D.C.
A.B. 1940, Nebraska Wesleyan University		Keene, Francis	D.C.
Kaufman, Miriam	D.C.	Keese, Harriet Irene	Md.
B.S. 1941, Wilson Teachers College		Keese, Mary Margaret Pennell	D.C.
Kaufman, Miriam	Va.	A.B. 1943, University of Pennsylvania	D.C.
Kaufman, Nathan	D.C.	Keeshing, Harold Charles, Jr.	D.C.
Kaufman, Paul	W.Va.	Keeter, Daniel Lewis	Va.
A.B. 1943, New York University		Keft, Grace Headley	
Kaufman, Philip Andrew	N.Y.	A.B. 1928, A.M. 1935, Indiana University	D.C.
Kaufman, Roger Williams	D.C.	Keimac, Virginia Ann	Mo.
Kaufman, Herman Joseph	Va.	Keim, Bruce Ashton	
Kawer, Charlotte Ann	D.C.	A.B. 1924, B.S. 1925, University of Kansas City	Md.
Kawer, Robert Myers	Md.	Keith, Louise Edington	N.C.
Kawer, James Francis	D.C.	B.S. 1943, University of Maryland	Va.
Kawer, Agnes Ruth	D.C.	Keith, John B.	Pa.
Kawer, Samuel	N.Y.	Kelcher, John Joseph	Pa.
B.S. 1937, M.S. 1939, College of the City of New York		Keller, Arthur Nelson	Pa.
Kay, Edwin Jacques	D.C.	Keller, Arvilla M.	Ohio
D.S.C. 1941, Temple University		Keller, Gloria Isabel	D.C.
Kay, Harold Henry	D.C.	Keller, Jerome Michael	Md.
Kay, Joseph George	N.Y.	Keller, Mary Estelle	N.H.
Kay, Marvin Leonard	D.C.	Keller, Roger F., Jr.	Pa.
Kay, Leonard R.	Mass.	Keller, William Charles	Va.
Kay, Robert Adolph	N.D.	Keller, Margarette Ward	D.C.
Kay, Saul	Md.	Kelley, Charles William	D.C.
A.B. 1941, Brooklyn College		Kelley, David Philip	D.C.
Kay, Joseph Francis	Md.	Kelley, Eva Frances	D.C.
Kay, Donald Ellsworth	Md.	Kelley, Frank William	Mont.
Kay, Lewis Bateman	Va.	Kelley, Gordon Hunt	Md.
Kay, David	D.C.	Kelley, James Ford	Va.
Kraft, Maria Regina	D.C.	Kelley, James Lee Joseph	Md.
Kelley, William	D.C.	Kelley, Raymond Morris	Va.
Kelley, John Harper	D.C.	Kelley, Thomas Otto	Md.
A.B. 1941, The George Washington University		Kelley, William	D.C.
Kear, Ruth Gray	D.C.	Kellison, James Bruce	Va.
Kear, Stephen Thomas	Iowa	A.B. 1945, University of Richmond	
Kear, Thomas Patrick	Minn.	Kellison, John Roy	D.C.
Kear, John Paul	D.C.	B.S. 1941, University of Richmond	D.C.
Kearney, Ann Ruth	Va.	Kellman, Sidney	D.C.
Kearney, John Hayward	D.C.	Kellman, Dewey Edward	D.C.
		Kelly, Catherine Marie	Pa.
		Kelly, Edward Joseph	
		B.S. 1949, Drexel Institute of Technology	

Kelly, Elizabeth Graham	D.C.	Kent, Jean Marie	Mia.
A.B. 1944, The George Washington University		Kent, John Franklin	Conn.
Kelly, Francis Keith	Ind.	A.B. 1931, College of the Holy Cross	
Kelly, Harry Joseph	D.C.	A.M. 1934, Columbia University	Va.
Kelly, Josephine Mary	D.C.	Kent, John Louis	Pa.
A.B. 1928, University of Maryland		Kent, Paul Jones	Mo.
Kelly, Laura Julia	N.C.	A.B. 1939, University of Michigan	
Kelly, Ruth Anastasia	D.C.	Kent, Perrin Aloysius	
Kelly, Samuel Graham, Jr.	D.C.	A.B. 1941, The George Washington University	D.C.
B.S. 1942, Virginia Polytechnic Institute		Kent, Ronald John	Va.
Kelly, Thomas J.	D.C.	Kent, Stephen Garland	Va.
Kelly, William Joseph	D.C.	Kenyon, Charles Winsor	Okl.
Kelser, George Archibald	Md.	Kenyon, Ethel Clayton	Md.
Kemelhor, Robert Elias	N.Y.	Keough, Bernard Edward	Va.
Kemetick, Walter	D.C.	Kephart, Calva	Oreg.
A.B. 1943, University of Chicago		Kephart, Robert Drake	D.C.
Kemon, Solon Bainbridge	D.C.	Kerby, Melva White	D.C.
B.E.E. 1943, Cornell University		Kerby, Olive Payne	D.C.
Kemp, Betty June	Va.	Kercoude, Arthur K., Jr.	D.C.
Kemp, Joan Miller	Ark.	Keriakou, Paris Nicholas	D.C.
Kemp, Yvonne Marie	D.C.	Kerlin, Anne Marie	D.C.
Kemper, Andrew Addison	Calif.	Kerlin, John Herbert	Ind.
Kempton, Lawrence R.	Ohio	Kern, Vincent Woods	N.Y.
B.E.E. 1940, Ohio State University		Kerner, Sidney	Mo.
Kemschies, Emma B.	Va.	Kerna, Bobbie Freeman	D.C.
Kenady, Harold William	Ill.	Keroes, Elaine Jocelyn	Okl.
Kendall, Frank Herbert, Jr.	Md.	Kerr, David Jay	D.C.
Kendall, James Madison	D.C.	Kerr, Horace Eskew	D.C.
B.S. in E.E. 1925, Rice Institute		Kerr, Jean Fraser	N.J.
Kendrick, Audrey Adair	Va.	Kerr, Jeannette Carey	D.C.
Kendrick, Donna Nell	N.C.	Kerr, Kleon Harding	
Kendrick, Eileen	Va.	A.B. 1940, The George Washington University	
A.B. 1943, The George Washington University		M.S. 1946, Utah State Agricultural College	Va.
Kendrick, John Alexander	D.C.	Kerr, Roger Theodore	
A.B. 1942, LL.B. 1943, The George Washington University		Kerr, Thomas Moore, Jr.	Md.
Kendrick, Patricia Ann	D.C.	A.B. 1940, Lafayette College	Pa.
Kenealy, John Emmett	Mich.	Kershaw, Albert Farrow	D.C.
Kenealy, William Francis	Mich.	Kershaw, John A.	Ala.
Kenealy, William Jerome	Ohio	Kershenbaum, Robert	Va.
Kennedy, Arthur Wallace	Md.	Kersting, Albert F.	
Kennedy, Claire Alvin, Jr.	D.C.	Kesecker, Leo Glendon	D.C.
Kenna, William Edward	Ky.	A.B. 1936, Shepherd State College	D.C.
B.S. 1932, United States Naval Academy		Keshishian, John Mark	
M.S. 1944, Massachusetts Institute of Technology		Kessel, Roy Franklin	Md.
Kennedy, Joseph Bernard, Jr.	D.C.	A.B. 1940, Fairmont State College	La.
Kennedy, Mary Elizabeth	Va.	Kessinger, Charles Daniel	N.J.
Kennedy, Michael Francis	Okl.	Kessinger, James Bennett	D.C.
Kennedy, Oliver	D.C.	Kessler, Alfred Milton	D.C.
Kennedy, Palmer Joseph	N.J.	Kessler, Milton Udell	D.C.
A.B. 1940, St. Peter's College		Kessler, Virginia Hope	D.C.
Kennedy, Peggy Combs	D.C.	Kessler, Walter Harry	Ohio
Kennedy, Robert Joseph	D.C.	Kester, Beryl Conklin	D.C.
Ph.B. 1945, University of Wisconsin		Kester, Clifford Daniel	D.C.
Kennedy, Vivienne Helen	D.C.	Kester, Donald Lee	Va.
Kennedy, William Harold	Va.	Kestner, Ivan Lee	D.C.
Kennelly, John McRue	Oreg.	Ketcham, Walter Marvin	Pa.
A.B. 1945, Willamette University		Ketner, Mary Rebecca	Md.
Kenney, John Henry	D.C.	Ketner, William Harry	D.C.
Kenney, Katherine Jane	Md.	Keuhne, Richard Winfield	Ala.
B.S. 1940, University of Maryland		Key, Norman	S.C.
Kent, Arthur Peter	D.C.	Key, Robert Edward Lee	
B.S. 1941, The George Washington University		Keys, Joel Edwin	D.C.
Kent, Charles James, Jr.	Va.	B.S. 1943, Clemson Agriculture College	D.C.
Kent, Elizabeth Hamilton	D.C.	Kesser, George Herbert	
A.B. 1945, University of the South		Kest, William Ward	
Kent, Guy McMaster	D.C.	A.B. 1928, Ohio Wesleyan University	India
		LL.B. 1935, The George Washington University	D.C.
		Khan, Mohammad Karamatulla	
		Kibble, Blanche Irene	

Kibler, Milton Andrew	Md.	King, Madeline Mary	D.C.
Kicherer, Harry Jay	D.C.	King, Mary	D.C.
Kidd, Elnora Ludwig	D.C.	King, Mary Mazappa	Fla.
B.S. 1939, Wilson Teachers College		King, Pericles	D.C.
Kiddon, Thomas	Pa.	King, Phillip Misbell	D.C.
Kidwell, Edgar Russell	Va.	King, Rita Marie	Pa.
Kieft, Herbert William	Va.	A.B. 1935, West Virginia Wesleyan College	
B.S. 1941, University of Wisconsin		King, Roy Herman, Jr.	Ky.
Kieffer, William Lewis, Jr.	Va.	King, Walter Mason, Jr.	D.C.
Kiely, Charles Peter	D.C.	King, Walter Russell	Fla.
Kiernan, Jean Camille	D.C.	A.B. 1921, University of Florida	
Kiernan, Thomas Randolph	Ohio	Kingman, Allen Frederick, Jr.	D.C.
Kiesel, Harold Milton	Ind.	A.B. 1944, The George Washington University	
A.B. 1937, The George Washington University		Kingman, Gordon Maury	D.C.
Kight, William Dorsey	N.Y.	Kingsbury, James Calvin	D.C.
Kilbanks, Lester Herbert	Pa.	Kinnersley, Marcia Ann	Iowa
A.B. 1941, Lafayette College		Kinney, David Bowen	N.Y.
Kilbourne, William Roy	D.C.	A.B. 1941, Alma College	
Kilburne, Richard Francis	N.Y.	Kinney, Neil Thomas	D.C.
Kilby, Katherine Killeen	Va.	Kinney, Sheldon Hoard	Calif.
A.B. 1927, Trinity College		B.S. 1941, United States Naval Academy	
Kilday, Marhada Vaughn	D.C.	Kinsel, Alan Edson	D.C.
Kildea, Jack Harvey	Md.	Kinsel, James Nolan	D.C.
Kilduff, Malcolm MacGregor	Va.	B.S. 1943, University of Maryland	
Kilduff, Timothy Joseph	Md.	Kinsman, Simon	Calif.
Kiley, Edward Vincent	Ohio	B.S. 1911, M.S. 1932, University of Arizona	
Kiley, Mary	Ohio	Ph.D. 1938, Stanford University	
Kilkenny, Daniel Thomas	Va.	Kintsfather, David Peter	D.C.
B.S. 1942, Miami University		Kintz, William Harrington	Va.
Killeen, Katherine Francis	D.C.	Kip, Ruloff Frederick, Jr.	N.I.
Killeen, Robert Jay	Va.	B.S.E. 1943, Princeton University	
B.S. 1940, Indiana State Teachers College		Kipnis, Ernest	D.C.
Killian, Rosemary	Calif.	Kipp, Mary Elizabeth	D.C.
Kilmer, Elizabeth Buford	Va.	A.B. 1941, Hamline University	
A.B. 1944, Mary Washington College of the University of Virginia		Kipper, Henry Haakon	D.C.
Kilpatrick, John Taylor	Va.	Kiracole, Arthur H.	D.C.
B.S. 1945, University of Oklahoma		A.B. 1943, Franklin and Marshall College	
Kilpatrick, MacGregor	N.Y.	A.M. 1945, Columbia University	
B.S. 1939, United States Naval Academy		Kiracole, Polly Jean	W.Va.
Kim, Mok	D.C.	Kirby, Homer Hugh, Jr.	D.C.
Kimball, Howard Widtsoe	Ariz.	Kirby, James Wardlaw	S.C.
Kimball, Leigh Lufkin	D.C.	A.B. 1945, The George Washington University	
Kimball, Marden David	Ariz.	Kirby, Odessa Florence	D.C.
A.B. 1940, The George Washington University		A.B. 1947, University of Kansas	
Kimball, Orrin Belvin	N.C.	A.M. 1939, University of Michigan	
Kimbrough, Calvin	Tex.	Kircher, Frances Ellen	D.C.
Kimble, Aaron	D.C.	Kirchner, Esther A.	Minn.
Kimmel, Yuxuan Mary	D.C.	Kirchner, Francis Carlyle	Md.
Kissert, Hugh McKinley	Va.	Kirkbride, Dorothy Lee	Neb.
Kistner, John Oscar	Calif.	Kirkland, Robert Carey	D.C.
B.S. 1940, United States Naval Academy		Kirkpatrick, Otto Rollwage	Ark.
Kine, Clarence Albert	D.C.	Kirkwood, Philip Leroy	N.I.
Kine, Clyde Stuart	D.C.	Kirmaer, Jeune B.	D.C.
Kine, Donald Kyle	D.C.	B.S. 1941, University of Minnesota	
Kine, Elizabeth Anne	D.C.	M.S. 1944, Kansas State College of Agriculture and Applied Science	
Kine, Elmer B.	Tenn.	Kirmaer, Philip George	D.C.
Kine, Francis Nelson	D.C.	B.Chem.Eng. 1930, M.S. 1944, University of Minnesota	
Kine, Frank Marshall	Va.	Kirsch, Martin Joseph	D.C.
Kine, Fred Wesley	Calif.	Kirsh, Anne	Pa.
King, George Washington	D.C.	Kirshbaum, Amiel	D.C.
A.B. 1941, The George Washington University		B.S. 1927, University of Maryland	
King, Henry Lord Page, Jr.	D.C.	Kirstein, Sidney Leonard	D.C.
King, James Cecil	Pa.	Kisch, Robert Nicholas	Minn.
King, Jeannette Christopher	D.C.	B.E.E. 1944, University of Minnesota	
King, John Lindsay, Jr.	D.C.		
King, John Warburton	Va.		

Kisdochak, Joseph Thomas	Wash.	Kipple, Mary Jane	Colo.
A.B. 1944, Willamette University		A.B. 1940, The George Washington University	D.C.
Kiser, Tharon Marie	Ky.	Klockenbrink, Fred Joseph	D.C.
Kistler, Wallace Grover, Jr.	D.C.	Kloczowski, Carlton Albert	N.J.
Kistner, Eva Marie	Wis.	Kloos, Edward John	Va.
Kitagawa, Arthur Saburo	D.C.	B.S. 1940, Rutgers University	
Kitchens, Jacqueline	Va.	Klopienstein, Karl H.	Ta.
A.B. 1945, Whitlup College		B.S. 1943, University of Washington	
Kizlinski, Leonard Daniel	Pa.	Klose, Nelson	
Kissel, Marie Thomas	D.C.	A.B. 1936, A.M. 1937, University of Texas	D.C.
Kitts, Willard Frederick	D.C.	Klosky, Peter	D.C.
A.B. 1942, Amherst College		Klostermann, Wolfgang Ekart	D.C.
Klaasse, Robert Allen	D.C.	Klotz, Betty Jean	Mo.
Knapp, Gusta Marie	D.C.	Kloze, Ida Iris	N.Y.
Knapp, Howard Jerome	D.C.	L.L.B. 1926, University of Maryland	N.Y.
Klasek, Viola A.	D.C.	Kloback, Willam	Mo.
Klass, Felix	N.Y.	Kloge, Katherine Edith	N.Y.
B.Cem Eng. 1918, College of the City of New York		Kloberman, Judith Elaine	D.C.
Klass, Seymour Solomon	N.Y.	Klukowski, Stanley Zenon	Man.
Klassert, Benjamin	N.Y.	Klumfoot, Clarence Reuben	Ky.
Klasko, Stanley	D.C.	Knaebel, Irvin George	Ill.
Klason, Jack Jerome	D.C.	Knapp, Ernie Fritz	
Kleber, Victor Anthony, Jr.	Ill.	B.S.C. 1919, University of North Dakota	D.C.
A.B. 1944, Drake University		Knapp, Harlan Howard, Jr.	Mo.
Kleger, Nina Anne	Ohio	Knapp, Joseph Martin	Va.
Klein, Alfred Kenneth	D.C.	Knapp, Robert Deane, Jr.	D.C.
B.S. 1938, St. Louis University		Knapp, Robert Edward	
Klein, Franklin, Jr.	N.Y.	B.S. 1942, Virginia Polytechnic Institute	Fla.
A.B. 1948, Park College		Knauer, William Jerome, Jr.	D.C.
Klein, Joseph Sigmund	D.C.	Knecht, Albert John	D.C.
Klein, Leon	Conn.	Knapp, Robert Frederick	D.C.
B.E. 1940, Tulane University of Louisiana		A.B. 1945, Duke University	
Klein, Leonard Adam	D.C.	Knezevich, Hugo	Minn.
Klein, Lester Gillespie	D.C.	A.B. 1944, Queens College	D.C.
Klein, Milton	N.C.	Kunkel, Elwan Raymond	Fla.
Klein, Robert M.	Ohio	Kunick, Curtis Hale	N.Y.
Klein, Sandra	D.C.	Kunick, Robert Whitney	D.C.
Klein, Truman Stoner	D.C.	Knapp, Herman Joseph	D.C.
A.B. 1926, A.M. 1932, University of Maryland		Knapp, Arthur Maxwell	D.C.
Klein, William Joseph John	N.Y.	Kunt, Barbara Elizabeth	Me.
Klenfelder, James Jesse	Va.	Knott, Donald Frederick	Me.
Klendau, Dorothy Ellen	D.C.	Knott, Patricia Jeanne	Pa.
Kleinman, Martin	Md.	Knoke, Helen Christine	D.C.
B.S. 1941, Columbia University		Knwles, Isabelle Phoebe	Pa.
Klumper, Edmund Thompson	N.J.	Knwles, Mary Frances	D.C.
B.S. 1944, Webb Institute of Naval Architecture		Knwles, Miles Kenny	Minn.
Klenz, John	N.Y.	Knox, Catherine Russell	D.C.
Kless, Frank Carl, Jr.	D.C.	Knox, George William	Va.
Kless, John Alfred	Tex.	Knox, Mary Antoinette	D.C.
Kloster, Walter Aaron	Va.	Knox, Patricia Jane	Va.
Klima, Vera	D.C.	Knox, Robert Olinston	
Klose, Elizabeth Anne	Mo.	Knoop, Charles Allen	D.C.
Klose, Frederick Elmer, Jr.	Va.	B.S. 1937, Madison College	Mo.
Klose, Pearl	Pa.	Koback, John Merriam	N.Y.
Klose, Robert Edward	Pa.	Kobenz, Allison James	N.Y.
A.B. 1948, L.L.B. 1944, Harvard University		Kobin, Raphael G.	N.Y.
Klose, Thomas Karl	D.C.	Koch, Frederick William	D.C.
A.B. 1948, Illinois College		A.B. 1940, University of Nebraska	D.C.
Klose, William Howard John	Va.	Koch, Robert Walter	Pa.
B.S. 1948, Pennsylvania State College		Koch, Robert Charles	D.C.
Klone, Albert Joseph	N.Y.	Kozela, Leonard Stanley	
Klone, Robert Edward	Md.	B.S. in Ed., State Teachers College, North Adams, Mass.	Pa.
Klone, Barker Irene	Mo.	Koehler, Paul William	D.C.
Kloster, Chester Paul	Ill.	Koetnick, Beatrice	N.Y.
B.S. 1947, University of Illinois		Koenig, Irving	
Klunk, Graunville, Jr.	Md.		
Klun, Lunette	Conn.		

Koenig, Joseph William	La.	Koster, William Dastich	Ind.
B.S. 1931, United States Naval Academy		Kotak, Peter James	Mass.
Koetse, Roy William	D.C.	Kotas, John	D.C.
Koehn, Virginia Anne	D.C.	Kotlarsky, Peter L.	D.C.
Koenig, William Edward	D.C.	Koustos, Harry George	Ohio
Koester, William John	D.C.	Koustos, Louis	Va.
Koester, Katharine Louise	D.C.	Koutsandreas, Peter Dionysios	D.C.
Koester, Richard Eugene	D.C.	Kovacs, Peter Michael	Ill.
Kohl, Elizabeth Ann	D.C.	Kovacs, Tom	Va.
Kohl, Francis V.	Oreg.	Kovacs, Frank Gabriel	Pa.
Kohl, Leonard Louis	D.C.	Kovacs, Oliver Roger	N.J.
Kolder, Gloria Wornick	Wis.	Koval, John	Ohio
Konias, Frederick Henry	D.C.	A.B. 1946, Brown University	Conn.
B.S. 1941, University of Maryland		Kowalski, Fred Herman	Md.
Kulmann, William Alexander	Wash.	Kowalski, James Andrew	D.C.
Kurtz, Robert Charles	Va.	Kozel, Alexander	Mass.
Kusi, Philip Joter	D.C.	Kosik, Walter Francis	Pa.
B.S. 1945, Worcester Polytechnic Institute		Kozski, William	D.C.
Kulis, Paul Nicholas	N.H.	Kraft, Catherine Elizabeth	
B.S. 1944, Worcester Polytechnic Institute		B.S. 1943, University of Maryland	D.C.
Kolarek, Francis Reynolds	D.C.	Kraft, Margaret Regina	Va.
Kalb, Karl Philip	Va.	Kraft, Stanley Raymond	D.C.
Kalb, Robert Warren	Md.	Kragle, Janet Alice	
B.S. 1941, University of Maryland		B.S. 1944, Pratt Institute	D.C.
Kalemskoff, Valentina Jakovlevna	N.Y.	Krahling, Allie Christine	D.C.
A.B. 1930, Azerbaijan State University, Russia		Kraks, Max	
A.M. 1939, The George Washington University		B.B.A. 1941, Boston University	Md.
Kalker, Bernard Randolph	D.C.	Krakow, Morton Joseph	N.Y.
Kalker, Irvin	D.C.	Krallier, John Edward	D.C.
Kallier, John Rubidge	Del.	Kramer, Donald Russell	Va.
Kalmeier, Herman Richard	Va.	Kramer, George Joseph, Jr.	Ohio
Kamath, Liliانا	D.C.	Kramer, Jerome Frank	
Komai, Dan	D.C.	B.E.E. 1943, Ohio State University	Va.
A.B. 1938, University of California		Kramer, Joshua	N.Y.
Komito, Milton Feldman	D.C.	Kramer, William Walter	
Kontos, George Hill	D.C.	A.B. 1941, Brooklyn College	D.C.
Koons, Richard Mowcroft	D.C.	Kraskin, Robert Alan	Pa.
Ph.B. 1940, Muldenberg College		Kraslev, Paul Albert	D.C.
Kontos, Robert Anton, Jr.	Pa.	Krasny, John Friedrich	Ill.
Kontz, Gene Roger	Va.	Krasny, Gustave	Va.
Kontz, John Donovan	D.C.	Krass, Herbert Hill	N.Y.
B.S. 1939, Wilson Teachers College		Krass, Mildred	Md.
Kontz, William Franklin	Va.	Krass, Carol Helen	D.C.
Kosch, John L. Mein	N.Y.	Krass, Ella Ruth	Va.
Koski, Allen Atlas	D.C.	Kravetz, Rhoda	Va.
Koplovitz, Rose	Pa.	Kravetz, Sandra	Md.
Kopp, Kenneth Delaney	Va.	Krebs, Hansman B.	D.C.
Kopp, Paul Joseph	Va.	Kreger, Donald Stuart	Ohio
A.B. 1932, Lehigh University		Krehbiel, Mary Lou	
A.M. 1931, Duke University		A.B. 1945, The George Washington University	D.C.
Kopp, Robert	D.C.	Kremer, Louis Ferdinand	S.D.
A.B. 1941, Brooklyn College		Kremer, Walter William	
Kopper, Samuel K. C.	N.J.	A.B. 1946, Dakota Wesleyan University	N.Y.
A.B. 1942, Princeton University		Kreberg, Barrett O.	D.C.
H.B. 1940, University of Virginia		Kretzer, Paul B.	N.Y.
Korbi, Margaret	W.Va.	Kroll, Margaret	D.C.
Korbi, Mark Joseph	D.C.	Kressler, John Anna	Va.
Korbin, Susan	N.Y.	Kressfeld, Florence	Md.
Korbin, Hyman	N.Y.	Kressley, Clement D. I.	D.C.
Korbin, Julius	N.Y.	Kressinger, Moss John	Nebr.
Korbin, Bernard	N.Y.	Kroswan, Esther Elizabeth	
Korbin, Robert	N.Y.	B.S. 1942, State Teachers College, Kearney, Nebr.	Va.
Korbin, Pauline	D.C.	Kridmar, Robert Lawrence	
Korbin, Cecil M.	Tex.	A.B. 1940, Boston University	N.Y.
Korbin, Helen Johnson	Md.	Krisner, Herman Louis	
B.S. 1935, Wilson Teachers College		B.B.A. 1941, College of the City of New York	N.Y.
Korbin, Stanley Joseph	W.	Krohn, George	D.C.
Korbin, Teresa Mary	D.C.	Krohn, Samuel Allen	Md.
		Krohn, George Marion	

Krinsky, Albert	D.C.	Kurz, Charles Godfrey	D.C.
B.M.E. 1944, College of the City of New York		B.E.E. 1940, The George Washington University	
Krist, Fred George	N.Y.	Kushman, Hollis Kent	Md.
Kritch, Joseph Robert	D.C.	Kuske, Esther Juanita	Minn.
Krock, Rupert Temple	Calif.	B.S. 1922, Northwestern University	Va.
A.B. 1936, University of California		Kutilek, Adolph Jerry	D.C.
Krogloss, Oswald K.	Minn.	Kutz, Judith	Ohio
B.S. 1945, University of Minnesota		Kuzmack, Jerome Andrew	Mo.
Kronskop, Ned Carter	Ohio	Kyle, Hugh Campbell	D.C.
B.S. 1945, American University		Kyle, May Talbert	
Kronstadt, Nathan	N.Y.	B.S. 1940, University of Maryland	D.C.
Krubel, Frederick John	Ill.	Kyle, Mildred Evelyn	D.C.
B.S. in M.E. 1943, University of Illinois		Kyle, Patricia	Pa.
Krucelak, Margaret Ellen	Pa.	Kyllonen, Allen W.	N.H.
Krucoff, Darwin	D.C.	Kyrakis, Helen	Md.
Krueger, John Richard	D.C.	Kyriazis, Christ William	Md.
Kruger, David	Va.	Kyriazis, Peter William	D.C.
Kruger, George	D.C.	Kyttle, Stuart Frederick	
Krupotich, Edward	Colo.	L	Ohio
B.S. 1944, University of Colorado		LaBarr, Robert Victor	D.C.
Krute, Lester Wilbert	Pa.	Labissioniere, George Robert	P.R.
Krutter, Eva	D.C.	Laborde, Pedro Luis	Pa.
Kuchatsky, Nathan	N.Y.	Labowitz, Shirley P.	Pa.
Kuchinaki, Joseph Chester	Pa.	Labukas, Peter Paul	N.Y.
Kuchler, Ralph Rudolph	Utah	LaCava, Francis Xavier	Tenn.
A.B. 1944, University of Idaho		Lacey, Kenneth King	D.C.
Kucirek, Ernest Frank	Nebr.	Lacey, Louis Paul	N.Y.
Kucirek, Richard	Nebr.	Lachman, Erwin J.	D.C.
Kudlak, Genevieve	D.C.	Lacho, Alfred Monte	Va.
Kugelmass, Solomon	N.Y.	Lackey, Joseph Henry	N.J.
Kuhn, Alice Roberts	D.C.	Lacovara, Nicholas John	D.C.
A.B. 1945, Western Maryland College		LaCova, Mary Anne	Va.
Kuhn, Mark Joseph	D.C.	LaCroix, James Polk, Jr.	Md.
Kuhn, Sandra Beverly	N.J.	Ladd, Robert Boyd	
Kujovsky, Philip Thomas	Pa.	A.B. 1935, A.M. 1939, Texas College of Arts and Industries	Va.
Kuker, Joseph Peter	Va.	Ladimar, Irving	
Kukuski, Leonard K.	Mich.	A.B. 1935, College of the City of New York	
Kuldell, Clarence Elliot	D.C.	J.D. 1940, The George Washington University	D.C.
Kulish, Martin William	Pa.	Ladisky, Bernice Edythe	Va.
Kulish, Matthew William	D.C.	Ladue, Dorothy Eunice	D.C.
Kull, Raymond C.	D.C.	Laffal, Martin	D.C.
Kulla, A. L. Acker	D.C.	Lafferty, Francis H.	D.C.
Kulla, Bryna Jacobs	N.Y.	Laffey, Cyril Joseph	D.C.
Kullback, Philip	Colo.	Lagos, Venizelos	D.C.
Kullhem, Signe Helen	Md.	Laguardia, Alfred Athlia	D.C.
Kulp, Russell Nyce, Sr.	Ind.	Lagueux, Conrad Edward	
Kunberzer, Paul Robert	D.C.	B.S. 1943, Rhode Island State College	Md.
Kune, Bernard Jack	Pa.	LaHatte, James Albert, Jr.	
Kunkel, Daniel Herr, Jr.	Pa.	B.S. in E.E. 1943, Georgia School of Technology	D.C.
Kunkel, George Ziegler	Pa.	Lahey, Grace N.	Pa.
Kunsak, Stephen William		Lahn, Robert John	Md.
A.B. 1942, The George Washington University		Lahti, Carl Robert	D.C.
Kunz, George Theoroda	D.C.	Lains, Harry Lee	W.Va.
Kunz, Karl William	Calif.	Laino, Susanne May	Va.
Kupperman, Morton	N.Y.	Lainof, Robert Ivan	
B.S. 1938, College of the City of New York		B.S. 1939, State College of Agriculture and Engineering of the University of North Carolina	D.C.
Kurasch, Irving	D.C.	Laird, Diek Russell	D.C.
B.S. 1944, New York University		Laird, Stanley Wesley	D.C.
Kurkjian, Badrig Malcolm	Md.	Lakas, Nicholas Spiras	D.C.
B.S. 1943, Massachusetts Institute of Technology		Lake, Rutherford Cholmondeley	Ill.
Kurth, William Herman	Va.	Lallos, Charles Peter	Va.
A.B. 1941, University of Virginia		Lally, Paul Thomas	Pa.
Kurtz, Barbara May	Md.	Lalos, Virginia B.	D.C.
Kurtz, Harvey William	D.C.	Lam, Mildred	Ill.
Kurylo, Walter	Va.	Lamar, Harold T.	
LL.B. 1938, Washington College of Law			

Lamar, Mary Elizabeth B.S. 1940, University of Nevada	Nev.	Lange, Thelma Swenson	Calif.
LaMaster, Virginia Ann	D.C.	Langenbeck, Earl Henry	Mo.
Lamb, Jessie	Tenn.	B.S. 1944, University of Missouri	D.C.
Lamb, Marjorie Juna	D.C.	Langerman, Elaine Mildred	Va.
Lambert, Corinne M.	Neb.	Langhoff, Charlotte Helen	Tex.
Lambert, Frank Lincoln	D.C.	Langholz, Ernest Frederick	D.C.
Lambert, Margaret Forfar	D.C.	Langtry, James Henry	Va.
Ph.B. 1943, Northwestern University		Langtry, Wilbur Wilson, Jr.	
Lambert, Peter Baldwin	D.C.	LL.B. 1947, The George Washington University	
Lambert, Ray Douglas	D.C.	Lanier, Eugene Bertram	Okla.
Lambert, Robert Lyman	D.C.	Lanier, Harold Franklin	Kans.
Lambert, Ruth Garner	Va.	B.S. 1940, M.S. 1941, Kansas State Teachers College	
Lambert, Voldemar Greene	Va.	Lannan, Margaret Anne	Md.
A.B. 1936, Southwestern Louisiana Institute		Lanning, Caleb Barrett	Mo.
Lamberton, Alfred James	N.H.	B.S. 1929, United States Naval Academy	
A.B. 1941, University of New Hampshire		Lankford, Homer Elliott, Jr.	Ala.
Lambros, Philip Russell	D.C.	Lauman, Charles Burrows	D.C.
Lamkin, James Cecil, Jr.	D.C.	B.S. 1942, United States Naval Academy	
Lamon, Charles Shaffer	Pa.	Lanning, Geoffrey J.	Ohio
Lamon, Robert William	D.C.	A.B. 1939, LL.B. 1942, Harvard University	
Lamond, John Barton	D.C.	Lannon, Thomas Joseph	N.Y.
Lamore, Estelle Roxie	Md.	Lansdale, Mary Louise	D.C.
Lampack, William	D.C.	Lansdown, Anna Ruth	D.C.
Lamphear, Donald E.	Md.	Lansing, Edward Watson	Mo.
Lancaster, Blake Paul	Md.	Lanterman, Jack V.	Pa.
Lancaster, Carlyle Jewell	Md.	Lantz, Andrew Lawrence, Jr.	D.C.
B.S. 1942, Loyola College		Lanum, Henry Loving	Va.
Lancaster, Georgina Carmen	D.C.	Lanuta, Lenora Marie	Pa.
Lance, Jack Stanley	Ga.	Lanza, Hugo Ballivian	D.C.
Lanckton, Myrtle Ann	D.C.	Lapham, George Sealy, Jr.	Ga.
Landau, Morton	Md.	Lapham, John Raymond, Jr.	D.C.
Landau, Shirley Florence	D.C.	Lapin, Earl Michel	N.Y.
A.B. 1941, The George Washington University		Lapins, Mary	Pa.
Landen, Richard Magnus	N.Y.	Lappin, John Eldridge	D.C.
Landersten, Margaret Ann	D.C.	Lappin, Robinson	D.C.
Landin, Alexander Anthony	D.C.	Laprade, Gertrude	D.C.
Landis, Harry Campbell	Md.	Lapuma, Salvatore John	N.Y.
Landis, Patricia Louise	D.C.	Larkin, Margaret Elizabeth	Ill.
Landis, Peter Andrew, Jr.	N.Y.	Larkin, Maureen	D.C.
Landis, Samuel Edgar	D.C.	Larkin, Myrtle Hume	D.C.
Landis, Theodore Franklin	D.C.	B.S. 1947, Shepherd State College	
Landis, Robert Nelson	Va.	Larkin, Thomas Dillard	D.C.
Landisberg, Madeline	D.C.	Larkins, Elizabeth Talley	Va.
A.B. 1940, Hunter College		LaRocca, Marie Barbara	D.C.
Landman, Louis	N.Y.	Larreck, Dorothy Marcella	Kans.
Landman, Robert Samuel	Va.	Larreck, Marilyn Ann	Kans.
Landvaigh, Thomas Elmer, Jr.	D.C.	Larsen, Nancy Joy	Va.
B.S. 1940, Temple University		Larsgaard, Olea Anna	N.D.
Lane, Annabell St. Clair	D.C.	Larson, Donald Oakes	Pa.
B.S. 1940, Memphis State College		B.S. 1942, Pennsylvania State College	
Lane, Archibald	Iowa	Larson, Jane Evelyn	D.C.
Lane, Cattie Morgan	Tenn.	B.S. 1943, St. Joseph's College	
Lane, Francis	D.C.	Larson, John	D.C.
Lane, Gaynelle Marguerite	D.C.	Larson, Roy Edward	D.C.
Lane, John Goethe	Fla.	B.S. in R.A. 1942, Indiana Technical College	
Lane, John McAllister	D.C.	Larson, Verne Lyle	N.D.
Lane, Samuel Monroe	D.C.	A.B. 1946, State Teachers College, Valley City, N. D.	
Lane, William Lloyd	D.C.	LaRue, Delma Jean	Md.
LL.B. 1947, Atlanta Law School		LaRue, Mary Virginia	D.C.
Lane, William Robert	Ark.	LaRue, Maurice Eugene	Kans.
Laney, Arthur R., Jr.	D.C.	B.S. 1939, Kansas State Teachers College	
Lane, Albert Paul	N.Y.	Laseter, Loretta	Tex.
Lane, Edward Alexander	Fla.	Lash, Robert Frederick	D.C.
B.S. A.B. 1943, University of Florida		Lasser, Daniel Joseph	N.Y.
Landell, Robert Dana	Calif.	Lassiter, Neville	Va.
Lane, Charles Daniel	Calif.		
B.S. 1937, University of California			
Lange, Stanley Walter	Wis.		

Lastfogel, Vera Lee	D.C.	Leary, Robert	Ont.
Lastra, Amparo Aracil	D.C.	Leas, Normand Walter	D.C.
Lastra, Ivonne	D.C.	Leath, Marie Kaufman	Va.
B.S. 1943, University of Puerto Rico		Leatherman, Clarence Daniel	Va.
Latham, Leslie Wade	Va.	A.B. 1931, Gettysburg College	
A.B. 1937, Miami University		Ph.D. 1936, Johns Hopkins University	D.C.
A.M. 1939, University of Cincinnati		Leavell, Robert Hammett	Va.
Lathrop, Richard Poynter	Va.	Leavitt, John Howland	
Latimer, Betty Jane	D.C.	A.B. 1939, Brown University	N.Y.
Latimer, John Austin, Jr.	D.C.	Leava, Holace James	Canada
B.S. 1939, Davidson College		Lebergott, Ruth Wellington	
Latimer, Miriam Price	Ala.	A.B. 1940, University of Michigan	Ohio
Latino, Jennie Mary	D.C.	LeBlanc, Diana	D.C.
LaTorre, Richard Robert	N.Y.	Lebling, Robert William	Ma.
Latta, Burr	Va.	Leiswitz, Anne T.	
Latta, Evelyn Thelma	Minn.	A.B. 1942, Rivier College	D.C.
Laubinger, Frank Herbert	D.C.	Lebrecht, Richard	D.C.
Laubacher, Ellen Margaret	D.C.	Lechowitz, Mary K.	D.C.
B.S. in Ed. 1945, Wilson Teachers College		Lechter, Max	1944
Lauder, Robert Bruce, Jr.	N.Y.	Leckband, Paul	D.C.
Laughlin, James Roberts	D.C.	Lee, Grace Marion	Va.
Launi, Charles A.	Va.	Leckie, Jack	
Laurich, James Anthony	Pa.	B.S. 1938, Marshall College	Ten.
B.S. 1941, University of Pittsburgh		LeClair, Marie Jennette	Va.
Lavale, Irene Alice	Va.	LeClaire, Charles Homer	
Lavin, Arthur George	Va.	A.B. 1940, Alma College	
Lavin, Mary Margaret	Oreg.	M.B.A. 1942, University of Michigan	Va.
Lavine, Irvin Arthur	D.C.	LeCroy, James Franklin	Va.
Lavoie, Normand Paul	Maine	LeCroy, John Prior	D.C.
Law, Joseph, Jr.	Nebr.	Ledford, James Curtis	D.C.
Lawber, Harold E.	D.C.	Lee, David	
Lawless, William Josselyn, Jr.	D.C.	B.S. in E.E. 1946, Massachusetts Institute of Technology	Wn.
Lawlor, Henry William	D.C.	Lee, Donald Edward	
Lawlor, Patricia Mary	Wash.	A.B., LL.B. 1935, The George Wash-	
Lawni, Charles A.	Va.	ington University	D.C.
Lawrence, Alma Bowen	Del.	Lee, Edward	Md.
A.B. 1931, Barnard College		Lee, Eugene Thereso	D.C.
Lawrence, Helen Woodruff	N.J.	Lee, Francis Tompkins, Jr.	Oreg.
A.B. 1941, University of Wisconsin		Lee, Gilbert Stanley	
Lawrence, Joan Schuyler	D.C.	A.B. 1941, Stanford University	D.C.
Lawrence, Malcolm	Va.	Lee, Helen	Va.
Lawrence, Nancy Jane	D.C.	Lee, Joseph Fitzhugh	Va.
Lawrence, Norman	D.C.	Lee, Katherine Elizabeth	Md.
B.S. 1939, College of the City of New York		Lee, LeRoy Linwood	Va.
Lawrence, Willis Dale	Nebr.	Lee, Lily KwaiKeui	D.C.
Lawrie, Ruth E.	Md.	Lee, Lloyd Wilson	NC
Laws, Bolitha James, Jr.	Md.	Lee, Luther Davis	D.C.
Lawson, Adrian	Va.	Lee, Mabel	D.C.
Lawson, Alfred Monk	Md.	Lee, Nancy	D.C.
Lawson, Ian Lloyd	Va.	Lee, Robert	D.C.
Lawson, Thomas Sawyer	D.C.	Lee, Robert Yoon Sung	
Law, Kenneth Swift	Mo.	A.B. 1944, Cornell University	D.C.
Layhee, Harold Franklin	D.C.	Lee, Shin Lam	NC
Eastland, Sydney Jackson	D.C.	Lee, Thomas Martin	D.C.
Layman, George Herbert	Oreg.	Lee, Yaw Shuin	
A.B. 1942, J.D. 1944, University of Oregon		B.S. 1939, M.S. 1942, St. John's University	D.C.
Layne, Fennis Cecil, Jr.	Va.	Lee, Kyung Son	N.Y.
Lavoss, Joseph Kenneth	Pa.	Lee, Miriam Lubitow	D.C.
Lavrus, David Ronald	Va.	Leech, Ios Ellen	Va.
Lyer, Evelyn	D.C.	Leech, Walter Murray	D.C.
Lee, John Selden	Ark.	Leenov, Isidor	D.C.
Leach, Carter Travis	D.C.	Leer, James Edward	D.C.
Leach, John Paul	D.C.	LeFebvre, Claxton Neville	Can.
Leach, Gordon William	Idaho	LeFebvre, Ernest Dohard	D.C.
Lecky, Jean Marie	D.C.	Lefer, Samuel	Md.
Leeman, John Henderson	D.C.	Lehart, Henry Gerard	D.C.
Leeman, Thomas Leed	Pa.	LeFebvre, Jean Elting	Va.
Leat, Joyce Elizabeth	D.C.	Lefferts, Miles Search	P.
Leat, Lester Walter	Pa.	Leffrawell, Thomas Cullen	
Leary, John Patrick	Mass.		

Leftkowitz, Saul	N.Y.	Lesansky, William A.	N.Y.
B.S. 1940, College of the City of New York		B.B.A. 1942, College of the City of New York	
Leftwich, Charles Andrew	Va.	Leslie, Barbara Mason	Conn.
LeGette, Bunny John	Va.	Leslie, Lester	Va.
Leggett, Margaret Carolyn	D.C.	Lesser, Henry Manvel	D.C.
Lehane, Francis Reyes	Md.	Lesser, Marilyn Irene	D.C.
Lehman, Dorothy Elizabeth	Mo.	Lessner, Lois Gloria	N.J.
A.B. 1933, University of Nebraska		Lessuk, Gerald H.	N.Y.
Lehman, Elizabeth Stephanie	Ark.	Lester, David	D.C.
Leib, Laura	Md.	B.S. 1929, M.B.A. 1938, New York University	
Leichter, Jerome Raymond	N.Y.	Lester, Graham W., Jr.	Calif.
Leidinger, Joan Mary	D.C.	B.S. 1943, University of Alabama	
Leigh, Armistead Claiborne	Va.	Lester, Robert Thomas	Md.
Leigh, Charles M.	Va.	Lettice, William James	Va.
Leigh, Lewis Cass	Md.	B.S. 1943, Georgetown University	
Leighton, Donald McCulloch	Nev.	Leuchman, Netty	D.C.
A.B. 1938, University of Nevada		Leusch, Marietta A.	Mo.
Leimbach, Leonard LaSalle	D.C.	Levander, Rena	N.Y.
A.B. 1945, Brown University		A.B. 1943, Swarthmore College	
Lein, Robert Oscar	N.H.	Levart, Herman Henry	Mass.
Leimbach, Henry James, Jr.	Pa.	Leves, Pierre Henri	Mo.
Leininger, Raymond Alvin	Ill.	B.F. 1940, University of Missouri	
Leis, Charles Olaf	N.Y.	Leven, Clarence C.	Md.
Leis, Julius Edward, Jr.	D.C.	Levenson, Judith Shirley	Va.
Leis, David	D.C.	Levenstein, Myrtle	Va.
Leisner, Bernice Miriam	Md.	Lever, Jacqueline Womack	D.C.
Leison, Lewis Harvey	Md.	Leveritt, J. P.	Md.
Leis, Dorothy Lee	Md.	A.B. 1942, Arkansas Agricultural and Mechanical College	
LeMaistre, Catherine C.	N.J.	Levi, Allen Marshall	D.C.
A.B. 1936, New Jersey State Teachers College		Levi, Rice Wansley, Jr.	Va.
LeMere, Joseph Maxim, Jr.	D.C.	Levich, Eva B.	Md.
Lebler, Helen Doris	D.C.	Levick, John Harkness	Va.
Lenley, Charles Raymond, Jr.	D.C.	M.E. 1926, Cornell University	
Lenley, Charles Robert	Va.	Levick, Robert R.	D.C.
Lenarduzzi, David R.	D.C.	Levie, Blanche K.	Va.
Leis, Roy E.	D.C.	Levin, Abram	D.C.
Leisner, James Albaugh	Fla.	L.L.B. 1926, B.C.S. 1940, Columbia University	
Leisner, Robert Dennis	Va.	Levin, Alexander	Va.
Leisner, Neal Dow	Mo.	Levin, Bernard	D.C.
Leisner, Melvin	D.C.	Levin, Haskell	D.C.
Leisner, Natalie June	D.C.	Levin, Hubert	N.J.
Leisner, Robert B.	Va.	Levin, Irvine	D.C.
Leisner, Mary	Conn.	Levin, Isaac	D.C.
Leisner, Sidney	Pa.	Levin, Joseph	D.C.
Leisner, Walter S.	Tenn.	Levin, Leon	N.Y.
Leisner, Hayden Louis	Pa.	Levine, Boris	
Leonard, Allan Langdon, Jr.	Calif.	B.M.E. 1934, Polytechnic Institute of Brooklyn	
B.S. 1936, The Citadel		LeVine, Carl Ralph	Md.
Leonard, Jack	Oreg.	B.S.F. 1936, M.S. 1938, University of Michigan	
Leonard, Elfriede Justine	D.C.	Levine, Daniel Bernard	D.C.
Leonard, Eugene	Va.	Levine, Elmer Albert	N.Y.
Leonard, Mary C.	D.C.	Levine, Gilbert Stanley	D.C.
Leonard, Norman A.	Kans.	B.S. 1947, University of Maryland	
Leonard, Orel Klein	D.C.	Levine, Herman Israel	N.Y.
Leonard, Robert S.	Md.	B.B.A. 1940, College of the City of New York	
A.B. 1930, The George Washington University		Levine, Irving Abraham	D.C.
A.M. 1931, Harvard University		Levine, Leon	D.C.
Leontakes, K. Hespe M.	D.C.	Levine, Melvin R.	N.Y.
Leppard, Marie E.	S.C.	Levine, Morde	D.C.
Leppert, Doris Anne	Va.	A.B. 1944, Cornell University	
Leppert, John C.	D.C.	Levine, Seymour	D.C.
LeRoux, John Armand	D.C.	Levine, Solomon Meyer	N.Y.
Levine, Anne Lois	N.J.	Levine, Victor	D.C.
Levine, Nathan	D.C.	Levinson, Monroe Joseph	D.C.
Levine, Thelma	D.C.	Levinson, Raymond Harold	Va.
Levine, William	D.C.	Levinson, Treva Rose	
A.B. 1941, The George Washington University			

Levitov, David Zoulledo	D.C.	Leysath, Julian E.	Va.
Levitov, Edith Sylvia	Va.	B.S. 1943, Alabama Polytechnic Institute	N.J.
Levy, Charles Kingsley	D.C.	Lhamon, George M.	D.C.
Levy, George	Mass.	B.S. in E.E. 1939, United States Naval Academy	D.C.
Levy, Harold Harris	D.C.	Libby, Mary Ellen	Mass.
Levy, Henry A.	D.C.	Lianos, Jane Randall	D.C.
Levy, Irvin Jack	D.C.	Libby, Richard L.	D.C.
Levy, Jerome E.	N.Y.	B.S. 1933, Massachusetts State College	D.C.
B.S. 1938, College of the City of New York		Liberty, Cyril Jean	D.C.
A.M. 1940, New York University		Liberty, Joseph Earl	Minn.
Levy, Joel Victor	D.C.	Libke, Clarice Marlene	D.C.
B.S. 1932, College of the City of New York		Liboski, Mary Anna	
Levy, Lewis Edward	N.Y.	B.S. 1941, Indiana State Teachers College	D.C.
Lew, Jew Chuck	D.C.	Lichens, Dorothy J.	
Lewis, Ann Wilson	W.Va.	A.B. 1944, The George Washington University	Pa.
A.B. 1946, Glenville State College		Lichtliten, David E.	Ohio
Lewis, Anne Poindexter	Va.	A.B. 1940, American University	
A.B. 1943, Randolph-Macon Women's College		Licht, Irving H.	N.Y.
Lewis, Arnold C.	N.Y.	A.B. 1942, Ohio State University	D.C.
B.S.S. 1937, College of the City of New York		Lichtenberg, Arthur Gilbert	N.Y.
Lewis, Edwin Newell	D.C.	Lichtenberg, Max	D.C.
Lewis, Esther Blanche	Okla.	Lichtenstein, Harold	Calif.
A.B. 1945, University of Kansas		Lichtenstun, David	
Lewis, Frank Hedges	Md.	Liddiard, Thomas Philip	Va.
B.S. 1937, University of Maryland		A.B. 1944, San Diego State College	Md.
Lewis, Frederick Roland	D.C.	Liddle, Lois	N.Y.
Lewis, George Barr	Pa.	Lidford, John Albert	Ill.
Lewis, Harold G.	Va.	Lidsky, Martin David	N.Y.
Lewis, Hubert Edward		Liebertts, Hermine	D.C.
A.B. 1943, University of Virginia		Lieblch, Geraldine Frances	D.C.
Lewis, Jack Collins	Md.	Liebman, Solomon	D.C.
Lewis, James William	D.C.	Liebow, Elliot	D.C.
A.B. 1933, Maryville College		Liebson, Jean Burman	
Lewis, John DuVall	W.Va.	Lieder, Nathan	
B.S. 1946, Virginia Polytechnic Institute		A.B., College of the City of New York	D.C.
Lewis, John Wallace	Va.	Lief, Donald Wolfe	D.C.
Lewis, John Warren	D.C.	Lien, John Pershing	Mass.
Lewis, Joseph Robert	D.C.	Liese, Harriett Etta	N.Y.
Lewis, Joyce Winnifred	D.C.	Lilshitz, Alan Lloyd	D.C.
Lewis, Lester Marx	D.C.	Light, Bette	Tex.
B.C.E. 1940, Catholic University of America		Light, Sylvia	D.C.
Lewis, Luusford Harland	D.C.	Light, Virginia Gayle	
Lewis, Mervin Leo	D.C.	Lightle, Sally Taylor	D.C.
Lewis, Nancy Lee	Va.	A.B. 1941, Stanford University	
Lewis, Orrin Bennett, Jr.	Va.	Lightman, Joseph Mantell	
Lewis, Palmer A.	Md.	A.B. 1943, The George Washington University	Hawaii
Lewis, Paulena M.	Okla.	Ligot, Gloria Velasco	Md.
Lewis, Ralph Selden	Pa.	Likely, Gwendolyn D.	D.C.
B.S.E. 1932, University of Michigan		B.S. 1944, University of Maryland	Ill.
Lewis, Robert Baughman	D.C.	Liken, Robert Lee	Md.
A.B. 1941, University of Western Ontario		Lilien, Charles Ernest	Va.
Lewis, Seth	D.C.	Lijjegen, Ervin James	Md.
A.B. 1946, The George Washington University		Liljegen, Lyle Kenyon	Va.
Lewis, Sydney	D.C.	Lillard, Kathleen Flester	Pa.
A.B. 1940, Washington and Lee University		Lillie, Ida Amelia	Tex.
Lewis, Wendy Lou	D.C.	Lilliefors, Albert Manfred	D.C.
Lewisbee, Claude D.	Va.	Lilly, Scott Barrett, Jr.	Va.
Lexa, Frank Joseph, Jr.	Minn.	Lilly, Walter Frank	
A.B. 1943, University of Minnesota		Linchuck, Stanley Martin	D.C.
Lexton, Mabel Harriet	D.C.	Lincoln, Judson Duley	Va.
Ley, Gerald Martin	Calif.	A.B. 1943, University of Maryland	
Leydon, James Andrew	Mass.	Lind, Miles S.	Nebr.
Leyendecker, Edward Russell, Jr.	Tex.	Lind, Robert N.	
Leys, James, Jr.	Va.	Lind, William E.	Calif.
		Lindahl, Ivan LeRoy	
		B.S. 1941, Nebraska Central College	
		Lindberg, Carl Donald	

Lindberg, Sam Wright	D.C.	Liverman, Myrtle Louis	Va.
Lindeman, Jean Catherine	D.C.	Livesay, Kathryn Ann	Mo.
Linden, George	N.Y.	Livingston, Charles Richard	Va.
Lindler, Fred Barton	S.C.	Livingston, Dorcas Cole	D.C.
A.B. 1938, Newberry College		B.S. 1936, Wilson Teachers College	Mo.
Lindley, Loren Lee	Md.	Livingston, John White, Jr.	Mo.
A.B. 1934, Fairmont State College		B.S. 1940, Harvard University	D.C.
Lindner, Janua Casimir	N.Y.	Livingstone, Earl Leslie	Philippines
Lindner, Lydia Dorothea	N.Y.	Lizardo, Jose Desierto	
A.B. 1943, Brooklyn College		A.B. 1938, San Francisco State College	
Lindsay, Hazel Jeanne	Kans.	A.M. 1946, The George Washington University	
Lindsay, Irving	D.C.	Llewellyn, John Manning	D.C.
A.B. 1923, The George Washington University		Llewellyn, Phyllis Jane	D.C.
A.M. 1928, University of Virginia		Lloyd, Harold Lee	W.Va.
Lindsey, John Wise	D.C.	Lloyd, Raymond James	D.C.
A.B. 1934, Wesleyan University		A.B. 1941, University of Virginia	Pa.
Lindsey, Wallace R.	D.C.	Lloyd, Rita H.	D.C.
Linehan, Daniel William	Mass.	Lobel, Jerry	Va.
Lingo, Jane Tunstall	D.C.	Lockhart, Elizabeth	
A.B. 1946, The George Washington University		A.B. 1937, College of William and Mary	Md.
Lini, Soo Wun	D.C.	Lockwood, Harris Cade	
Link, Edgar Martin	Pa.	B.S. 1932, United States Naval Academy	D.C.
Link, Gloria Louise	D.C.	Lockwood, Howard	Pa.
B.S. 1941, State Teachers College, Potsdam, N. Y.		Lockwood, Robert Kenneth	Md.
Lintheum, Donald Eugene	D.C.	Locraft, Vonniette Bogan	D.C.
Lipkey, James Ray	D.C.	Lodge, Thomas Ellis	D.C.
Lipko, Samuel Wayne	Pa.	Loe, Myron L.	Md.
Lipkowitz, Bernard Abraham	N.Y.	Lofgren, Mae Jean	
A.B. 1941, Brooklyn College		B.S. 1943, University of Pittsburgh	Ala.
Lipsky, Nathan Bernard	Conn.	Loftin, Gordy Elonzo	Ga.
Lippatt, Edward Gardner, Jr.	Va.	Logan, Anna Christine	
Lippatt, Raymond Franklin	D.C.	A.B. 1938, College of the Ozarks	D.C.
Lippman, Charles	D.C.	Logan, Elizabeth Branson	D.C.
Lippman, Elaine S.	N.J.	Logan, Emmett William	Mo.
Lippman, Morton	N.Y.	Logan, Loren George	
Lipsky, Nathan B.	Conn.	A.B. 1938, University of Missouri	
Lipscomb, Bernard Roland	D.C.	A.M. 1910, University of Michigan	Ill.
Lipscomb, Lillian Park	Tex.	Logan, Robert Bernard	Wis.
Lipscomb, Nancy Harris	D.C.	Logas, Mary P.	D.C.
Liputz, Herbert	Mass.	Lorsdon, Hugh David	Md.
LL.B. 1940, Boston University		Lohm, Thomas A.	D.C.
Lisabee, Bird Eugene	Va.	Lohr, Mary Catherine	N.Y.
Liss, Philip	D.C.	Lokke, Bernard Molineaux	Ohio
Liss, Sidney	D.C.	Lombardi, Reilly R.	Conn.
Liswitz, Sam	Md.	Lomergan, Mary Lee	Va.
B.S. 1932, University of Chicago		Long, Ashley B.	Md.
Litter, Stanley Marsh	D.C.	Long, Bazel E.	D.C.
Lit, David Reed	D.C.	Long, Charles W.	D.C.
B.S. 1938, Harvard University		Long, Corson Wesley	Md.
Littman, Albert	D.C.	Long, George Edward	Pa.
Littell, Helen Hughes	D.C.	Long, Paul Robert	Ill.
Littell, Henry Center	Conn.	Long, Ralph Edward	D.C.
Littell, Kelley	Md.	Long, William Francis	
A.B. 1916, Washington and Lee University		A.B. 1940, The George Washington University	Va.
Little, Arthur Franklin	Va.	Longaker, Barbara A.	S.D.
Little, Clifford Earl, Jr.	D.C.	Longen, Edmund Herman	S.D.
Little, Mary Jane	D.C.	Longen, Francis J.	D.C.
Little, Robert Paul	Mass.	Longest, Virginia H.	D.C.
Little, Theresa Eleanor	Va.	Longfellow, Don W.	Va.
Littlehales, Lisette Warren	D.C.	Longley, Mary Olga	N.J.
Littlejohn, Julia K.	S.C.	Longstreet, Archie P., Jr.	D.C.
B.S. 1946, University of Georgia		Longyear, Robert R.	Va.
Littman, Simon	D.C.	Looman, Richard Edward	D.C.
LL.B. 1931, University of Maryland		Loomis, Gwendolyn Yvonne	D.C.
Littwin, Charles Stuart	N.J.	Loomis, Helene Elizabeth	Va.
A.B. 1943, Hobart College		Loomis, Vader Madison	
Litz, Paul Robert	D.C.		
Litzermann, Frances E.	Va.		
Livengood, Ralph Leon	D.C.		

Loos, Dickson Randall	Md.	Lucas, Allene Myrtle	D.C.
A.B. 1945, Dartmouth College		A.B. 1942, The George Washington	
B.S. 1945, Yale University		University	Va.
Lopez, Cornelio	D.C.	Lucas, Charles William	Va.
A.B. 1927, University of Iowa		Lucas, Elizabeth Penn	D.C.
Lopez, German Carlos	Panama	Lucas, Henry August	Miss.
B.S. 1944, National Institute		Lucas, Jean Pitner	
Lopez, James	D.C.	A.B. 1944, B.S. 1945, University of	Miss.
Lord, Irene Elizabeth	D.C.	Mississippi	Tenn.
Lord, Lois Carolyn	Md.	Lucas, John Clifton	
Loren, Phyllis C.	Minn.	Lucas, Mary Boyd	
Loren, William O.	D.C.	B.S. 1913, Tennessee College for	
Lorentzen, Paul B.	D.C.	Women	Va.
Lorenz, Donald W.	Md.	Lucas, Mildred Foster	Md.
LoRusso, Rudolph R.	Pa.	Luce, Charles Francis	D.C.
Lott, George A.	D.C.	Lumen, John Paul	Va.
Loube, Sidney	D.C.	Luckett, Richard S., Jr.	
Loubey, Rosemary	Mo.	A.B. 1942, Randolph-Macon College	Pa.
Loubross, Marvin	D.C.	Lucky, Florence Regina	D.C.
Loucks, Charles Sherman	D.C.	Luska, Chester Edward	Va.
Loucks, Lois Keyburn	Calif.	Ludlow, Allen Dyer	Mass.
Louis, Cleo French	Va.	Ludwig, Frank Cameron	
A.B. 1912, Central State College		B.S. 1912, Harvard University	Mich.
Louk, Elvin Gray	Va.	Ludwig, Fred Jerome	
Louk, Ralph Glyn	Va.	A.B. 1913, Wayne University	N.J.
Lourence, Manuel Joseph	D.C.	Ludwig, Helen	D.C.
Lovaas, Lloyd Carroll	Minn.	Ludwig, Patricia Ann	D.C.
Love, Dora Edith	Tenn.	Ludwig, Robert Clinton	Va.
Love, James William	Pa.	Ludwig, Water Fulton, Jr.	Va.
Love, Jolee	Tenn.	Luehmann, Aanes Lorraine	D.C.
B.S. 1912, A.M. 1914, George Pea-		Luenning, Margaret Yancey	Wis.
body College for Teachers		Lugowski, Stella Frances	D.C.
Lovelace, Neil Richard	Va.	Luhman, Andrew R.	D.C.
Loveless, Ernest Alvin, Jr.	Md.	Lukens, Donald Franklin	Idaho
A.B. 1913, University of Maryland		Lukens, Frederick	
Lovell, Arthur Chester	Md.	A.B. 1947, University of Idaho	Idaho
Lovell, Guy Wilmer	D.C.	Lukens, John Fritchie	D.C.
Lovewell, Suzette	D.C.	A.B. 1916, University of Idaho	D.C.
Lowder, Harold Lee	D.C.	Lula, Remus	D.C.
Lowe, Evelyn Irene	Pa.	Lum, David W.	W.Va.
Lowe, Ira Melvin	Mass.	Lumer, Wilfred	Va.
Lowe, J. William	W.Va.	Lumsden, Edith	D.C.
Lowe, Orval Clyde	D.C.	Lumsden, George N.	D.C.
Lowe, William Hyslop, Jr.	D.C.	Lunche, Charles Zora	D.C.
Lowenthal, Herman	D.C.	Lund, Roland J.	
Lower, Mary Edith	D.C.	B.S. 1932, University of Illinois	Minn.
Lowery, William Jay	Va.	Lund, Walter V.	Minn.
Lowrey, Girard Rice	D.C.	Lund, Wilbur Herman	
Lowrie, Elwood Dawson	D.C.	A.B. 1938, Gustavus Adolphus College	
Lowrie, Frances	D.C.	A.M. 1942, University of Minnesota	Wash.
Lowrie, Virginia Dare	D.C.	Lundgren, Henry Willard	Conn.
Lowry, Roy Llewellyn	Wash.	Lundgren, Carl Edward, Jr.	
A.B. 1941, The George Washington		B.S. 1938, Trinity College	D.C.
University		LL.B. 1942, Hartford College of Law	
Lowry, Thomas Edmund	N.C.	Lundquist, James F.	
Lowry, Virginia Claire	Md.	A.B. 1942, New Jersey State Teach-	
Loy, John Irving	Va.	ers College, Montclair	
A.B. 1942, University of California		B.D. 1945, Princeton Theological	Va.
Loyd, Arden Robinson	Va.	Seminary	S.C.
Lowe, Elizabeth Crosby	Va.	Lundquist, John Frederick	Wash.
Loyk, Victor	Va.	Lundy, Julian P.	
Lozada, Pilar delaCruz	Philippines	Lundy, LeRoy Fred	China
Lozano Cantu Oscar F.	Mexico	B.S. 1945, University of Washington	N.Y.
Lazupone, Gloria	D.C.	Lunn, Shun Wen	Pa.
Luber, Jack Oscar	D.C.	Lunks, Raymond Joseph	
Lubin, Donald	N.J.	Lunney, Robert Miller	
Lubin, Joseph M.	Md.	A.B. 1949, A.M. 1941, University of	D.C.
Luby, Edward M.	Va.	Pennsylvania	D.C.
B.S. 1918, United States Naval		Lunsford, Eugene B.	
Academy		Lunsford, Clifford Pierce	Va.
Luby, William Joseph	Va.	B.S. 1939, Wilson Teachers College	D.C.
		Lyons, John Lewis	
		Luther, Bill Lee	

Lupo, Raphael Matthew B.S. in C.E. 1922, Cooper Union B.S. in E.E. 1944, The George Washington University	N.Y.	Machlis, Franklin Elliott MacInnis, Judith A.B. 1945, Western College	D.C. Ohio Md.
Luscomb, Charles Edward	Conn.	MacIntire, Andrew Harry MacIntosh, Donald J. Macmillan, Mary Rosina	Ga. D.C.
Lush, Roberta Cregie	D.C.	A.B. 1932, The George Washington University	Fla.
Lusk, Charles C.	D.C.	Mack, James Edward A.B. 1943, The George Washington University	Wis.
Lusk, Mason C.	D.C.	Mack, John Raymond A.B. 1934, Iowa State Teachers College	Mo.
Luther, Margaret M.	W.Va.	Mack, Shirley R. A.B. 1942, Harris Teachers and Junior College	N.Y.
Luther, Michael Martin	D.C.	Mack, Victor Anthony A.B. 1941, Brooklyn College	Pa.
Luthey, Walter Philip	N.J.	Mack, Winifred Kent A.B. 1942, Westminster College	Va.
Lutins, Jeanne B.	D.C.	Mackay, Hugh T. B.S. 1930, United States Naval Academy	
Luttrell, Robert Van	W.Va.	M.S. 1939, University of California	Va.
Lutz, E. LeRoy	N.Y.	Mackay, Neill Camp MacKenson, Judith Agnes	D.C.
Luzenberg, Jerome	N.Y.	Mackey, Angyle Robert	Va.
Lyda, James C.	D.C.	Mackey, James Eugene, Jr.	Tenn.
Lyda, Nora	D.C.	Mackey, Mary Ellen	Va.
Lyman, Lawrence	Pa.	Mackey, Veronica D.	Del.
Lyach, Claire M. A.B. 1944, Emmanuel College	Mass.	MacKiernan, Darrell E. A.B. 1934, University of Maine	D.C.
Lynch, Frank Curtis B.S. 1938, United States Naval Academy	Pa.	MacKinnon, John B.B.A. 1943, University of Michigan	Mich.
Lynch, James, Jr.	Md.	MacKinnon, Peggy Matthews	D.C.
Lynch, Jean Lorraine	Md.	MacKnight, Harding Coolidge	D.C.
Lynch, Margaret Mary	D.C.	MacLaine, Joseph Allan	Md.
Lynch, John Peter	N.Y.	MacLaughlin, Matthew Charles	Va.
Lynch, William Charles	Conn.	MacLean, John B.S. 1944, The George Washington University	Colo. D.C.
Lynch, William Walker	Va.	MacLean, Marion Elizabeth	
Lynn, Barnard	D.C.	MacLean, Norman Spencer	Va.
Lynn, David Brandon	D.C.	MacLeod, Helen Louise	D.C.
Lynn, Donald M.	D.C.	MacMaster, Andrew James B.B.A. 1943, Southern Methodist University	Va.
Lynn, Evelyn Irons	Va.	MacMillan, Ann R. A.B. 1944, University of Michigan	Mich.
Lynn, Nancy Lee	Va.	MacMillan, John Howard	Md.
Lynn, R. Sahe	D.C.	MacMillan, Katharine Shepard	Va.
Lynn, Thomas Watson	Md.	MacMillan, Margaret Jane	Pa.
Lynn, Charles Alexander	D.C.	MacMurray, John Clark	Canal Zone
Lynn, Mildred Carolyn A.B. 1945, The George Washington University	D.C.	MacNab, John Erwin	Canada
A.M. 1946, Columbia University	N.C.	MacNed, Joseph Hector	D.C.
Lions, Gilberta Grosvenor	D.C.	Macomber, John Austin A.B. 1937, Middlebury College	Mass.
Lions, Gordon Kenneth	Md.	L.L.B. 1941, Northeastern University	
Lions, Joseph John		MacPhee, Mary Isabell A.B. 1935, Boston University	D.C.
A.B. 1934, Woodstock College	Ala.	MacPherson, Alan Campbell B.S. 1943, University of Maryland	D.C.
Lions, Leonard LaBaron III	D.C.	MacPherson, Ruth Crawford	D.C.
Lions, Lloyd E.	Conn.	MacRae, Duncan Shaw	Md.
Lions, Robert Timothy	D.C.	Madlen, Robert James A.B. 1935, M.S. 1936, University of Illinois	
Lions, William S.	D.C.	Madlock, Grace E.	Va.
Lyst, Robert Delmont	D.C.	Madler, Marcus C.	Wis.
Lytzen, William Walter	D.C.	Madigan, John Alphonsus, Jr. B.S. in B.A. 1940, University of Miami	Fla.
	N.Y.		

Madorsky, Annabelle	D.C.	Maloney, Joseph Vincent	N.Y.
Madorsky, Shirley Ruth	D.C.	Maloney, Philip Keller	Md.
Madsen, Andrew Calvin	Ill.	Maloney, Rosemary Constance	D.C.
Madsen, Beryl Marie	Wis.	Maloney, William Everett	D.C.
Maes, Leonore Soha	N.M.	Malowski, Mary Marguerite	Minn.
Maffey, Ralph B.	N.J.	Malshaski, Frances Ann	D.C.
B.S. 1943, Rutgers University		B.S. 1944, Wilson Teachers College	Mich.
Magann, Patricia Eamee	Canada	Malstrom, Robert Andrew	Va.
Magarel, Miles Edgar	D.C.	Maltby, Wilson Ray	
Magee, James Rodgers	Va.	A.B. 1930, Milton College	W.Va.
Magee, John Presley	D.C.	A.M. 1933, University of Wisconsin	Ill.
Magner, Joseph Paul	D.C.	Mamish, Julia	Conn.
Magness, John L.	D.C.	Mance, Margaret O.	N.Y.
Magnus, Frederick	Mont.	Mancini, Adrian David	Md.
Magnus, Nellie S.	Md.	Mandel, Nathan	D.C.
Magruder, Donald Richard	Va.	Mandell, Charles	Md.
Magruder, Marion Virginia	Va.	Mandes, James	Md.
A.B. 1921, Randolph-Macon Woman's College		Mandujaris, Andrew Anthony	
A.M. 1935, The George Washington University		Mandl, Leonard Jerome	
Mague, Stanley Irving	Md.	L.I. B. 1935, LL.M. 1937, B.S. 1938, St. Johns University	D.C.
Maguire, Helen Ross	D.C.	Mandracos, Constantine N.	D.C.
A.B. 1934, The George Washington University		Mandronsky, Boris N.	
Maguire, Russell Ambler	D.C.	B.S. 1940, College of the City of New York	D.C.
Maguru, Joseph John	D.C.	Manel, Louis S.	N.Y.
A.B. 1918, Harvard University		Manheimer, Zola	
Mahan, Wallace Harold, Jr.	N.Y.	B.S.S. 1949, College of the City of New York	D.C.
Mahaney, Thomas Preston	Mich.	Manitas, Ely Despina	Md.
Mahar, Daniel John	N.Y.	Mankin, Haven Winslow	
Mahardy, John Thomas	Va.	A.B. 1944, Washington and Lee University	Va.
Maher, Francis Patrick	Tex.	Manler, William F.	Ohio
Mahler, Arthur Peter	Md.	Manley, Rose Eileen	D.C.
Mahler, Stanley	D.C.	Mann, Betty Catherine	Md.
Mahoffy, Steven R.	Calif.	Mann, Betty Lou	D.C.
Mahoney, Edward Francis	Va.	Mann, Charles Kenneth	D.C.
Mahoney, Mary Warner	D.C.	Mann, Donegan	D.C.
Mahoney, Richard Joseph	N.Y.	Mann, James Packard	Md.
Mahr, Sister Mary Rose	D.C.	Mann, Jean Carol	Md.
B.E. 1935, Duquesne University		Mann, Richard Thomas	D.C.
Maia, Octavio T.	Brazil	Mann, Robert Paul	Fla.
Maier, Mary F.	Ind.	Mann, Robert Trask	D.C.
Maiera, John Sigmund	Pa.	Mann, Robert Urban	
Maines, JoAnn Eleanor	D.C.	B.S., A.B. 1946, University of Florida	D.C.
Mainhart, Howard Morsell	D.C.	Mann, Ruth G.	Md.
Maiores, Nathan Joseph	D.C.	Mann, Shirley Louise	N.Y.
Maire, Cyril Emil	Md.	Manne, Martin R.	Pa.
Maire, Elisabeth L.	Md.	Manning, Harry LeRoy	D.C.
Majocchi, Olga	D.C.	Manning, John Joseph	Colo.
A.B. 1941, University of California		Manning, Louis Meneghini	D.C.
Major, Dorothy Anne	D.C.	Manning, Richard T.	D.C.
Makela, Priscilla Josephine	Mich.	Mano, Kyuma	D.C.
Makin, Lloyd John	D.C.	Manolatos, Spiro George	D.C.
Malan, Ruth Evalene	Mo.	Manos, Nicholas E.	
Maleson, Alfred Irving	Md.	A.B. 1918, A.M. 1942, University of California	Ill.
Maletz, Charlotte Doris	D.C.	Mansfield, Mac Helen	Wis.
Maletz, Sumner Joshua	D.C.	Manson, Joseph Peace	
Malhamos, James P.	Pa.	B.S. 1942, University of Minnesota	Va.
B.S. 1918, Pennsylvania State College		Mantell, Morton	Va.
Malkie, Paul Delmar	Md.	Mantle, Mary Lou Swift	
Malko, Victoria Ann	Vt.	A.B. 1935, Woman's College of the University of North Carolina	Md.
Mallgrave, William John	D.C.	Mantwill, Albert John	Va.
Mallinoff, Maurice	Md.	Manucia, Herbert Louis	Md.
Mallory, Howard Philip	Conn.	Manvel, Allen Dailey	
B.S. 1943, Harvard University		A.B. 1934, Occidental College	D.C.
Mallus, Nicholas Michael	D.C.	Manvel, Harry Lewis	D.C.
Mallyck, Cornelia Edward	Va.	Manville, Robert Wellensick	D.C.
Malone, Bette Marie	Md.	Manzon, Philip Howard	
Malone, Ralph W.	Md.		
Maloney, Ellen Elizabeth	Va.		
A.B. 1920, University of Maine			
Maloney, Frank	Va.		

Mapou, Albert B.S. 1941, College of the City of New York A.M. 1946, The George Washington University	N.Y.	Marron, Mary Louisa B.S. 1942, The George Washington University	D.C.
Mappus, Marie C.	Pa.	Marsden, Lawrence Albert	Minn.
Marano, Matthew J. A.B. 1946, Columbia University	D.C.	B.S.L. 1941, University of Minnesota	
Marcel, Louis Santon	D.C.	Marsenich, Robert Michael	D.C.
Marcon, Louis N.	Va.	Marsh, Lois C.	Tex.
Marsh, Joseph W.	D.C.	Marsh, Nancy Bernice	D.C.
Marclay, William Elliott	D.C.	Marsh, Richard Sims Thomas A.B. 1946, Yale University	D.C.
Marcosano, Muriel Angelo	N.Y.	Marsh, Richard W. A.B. 1941, American University	D.C.
Marcotte, Ralph Paul	Conn.	Marshak, Dennis	N.Y.
Marcum, Leocade Leighton A.B. 1939, Tufts College A.M. 1943, The George Washington University	Va.	Marshall, Andrew Robert	Va.
Marden, Ethel Cox	Va.	Marshall, Dorothy J.	Tex.
Marschal, Elisabeth A.B. 1934, The George Washington University	D.C.	Marshall, Eleanor Marie	Va.
Marsilius, Edward August A.B. 1940, University of Utah	Colo.	Marshall, Earla Ball A.B. 1918, Meredith College	Md.
Mates, Christie Gilbert	D.C.	Marshall, Fielding Lewis	D.C.
Margolin, Joseph Bernard A.B. 1942, Brooklyn College	N.Y.	Marshall, Harry Taylor, Jr. A.B. 1940, University of Virginia	Va.
Margolius, Jerome Francis	D.C.	Marshall, Ruth Isabel	Va.
Margulies, Oscar	N.Y.	Marshall, Samuel	Pa.
Martin, Laura Evelyn	D.C.	Marshall, Schuyler C. B.S. 1948, State Teachers College, California, Pa.	
Martelli, Victor F.	Md.	M.E.D. 1940, Pennsylvania State College	
Martins, Daniel Anthony	D.C.	Marshburn, Bryan D. B.S. 1945, Wake Forest College	N.C.
Martino, Frank Thomas A.B. 1947, American University	D.C.	Marsteller, Herbert H.	Va.
Martine, James Vincent	Va.	Martens, Doris Katharine A.B. 1944, University of Southern California	Calif.
Martoff, Marilyn Rosslyn	D.C.	Martens, Seymour	N.Y.
Martin, Sarah Crockett	Miss.	Martinson, Sherrard C.	D.C.
Mark, Helen Wheeler A.B. 1946, The George Washington University	D.C.	Martin, Albin	Ark.
Mark, William John	D.C.	Martin, Beverly S.	D.C.
Marker, David John A.B. 1943, Morris Harvey College	Ohio	Martin, Berghild C.	Minn.
Marker, George Joseph	N.Y.	Martin, Carolyn Locke	N.C.
Markes, Rose Anne	D.C.	Martin, Carrie Panebaker	Md.
Markfield, I. Nathaniel A.B. 1947, The George Washington University	Md.	Martin, Catherine Ann	N.Y.
Markoff, Moses	N.Y.	Martin, Clifford H.	D.C.
Markoff, Richard P.	Mich.	Martin, Dale Edward	D.C.
Markowsky, Francis Harry	D.C.	Martin, Daniel I.	Ala.
Markowitz, Irving	N.J.	Martin, Darwin D.	Va.
Marks, Donald	N.Y.	Martin, David B.	D.C.
Marks, Freda Jeanne	D.C.	Martin, Dean H.	D.C.
Marks, Marjorie N.	N.J.	Martin, Edgar L.	D.C.
Marks, Morris	D.C.	Martin, Fay Emmett	D.C.
Marks, Sallie B. A.B. 1923, Southwestern Institute of Technology	N.C.	Martin, Edward Eugene	Neb.
A.M. 1926, Columbia University		Martin, Francis T.	Md.
Martin, Walter	D.C.	Martin, Fred A.	Mont.
Marlow, Charles A.	Calif.	Martin, Grace Anna	D.C.
Marlow, Howard Waring	Md.	Martin, Harry I.	Va.
Marlow, Joan	Va.	Martin, Harry W. B.S. 1942, Western Carolina Teachers College	N.C.
Marlowe, George Albert, Jr.	D.C.	Martin, Helen Nunn	D.C.
Marmelsadt, Willard B.S. 1941, M.D. 1944, Tulane University	Calif.	B.S. 1914, Wilson Teachers College	
Marmocha, Benedict Francis	Md.	Martin, Howard William	D.C.
B.S.C. 1940, Notre Dame University		Martin, Hugh I.	N.Y.
Marr, William Paul	Pa.	Martin, Hugh J. I.D. 1929, The George Washington University	Ga.
		Martin, James A. B.S. 1940, United States Coast Guard Academy	D.C.
		Martin, Janice Catherine	Va.
		Martin, Jean Halley	Mich.
		Martin, Jerome Daniel	Iowa
		Martin, John Hilary	D.C.
		Martin, Julian	N.Y.

Martin, Keith A.	Ind.	Mates, Ida Elaine	Pa.
Martin, Lois Anne	D.C.	Mathenet, Jacques Jean	D.C.
A.B. 1945, University of Maryland		Matheny, Charles Kenton	Va.
Martin, Lonne Elwyn	Ga.	Matheny, Lula S.	D.C.
Martin, Marshall Alden, Jr.	Va.	Mathers, Alex P.	Va.
Martin, Mary Carolyn	D.C.	B.S. 1931, University of Florida	
Martin, Mildred Ann	Colo.	M.S. 1946, Tulane University of Louisiana	
B.S. 1942, Colorado State College of Agriculture and Mechanic Arts		Mathew, Elwood Keith	Ohio
Martin, Paul Calvin	Pa.	Mathews, John Bradburn	D.C.
Martin, Peter J.	D.C.	Mathewson, Gordon Wright	Va.
Martin, Ralph Edward	Maine	A.B. 1942, Syracuse University	D.C.
Martin, Richard Alfred	D.C.	Mathias, Richard B.	D.C.
Martin, Robert Edward	Pa.	Mathieu, Maria Teresa	
Martin, Robert Henry	Ala.	A.B. 1937, Mercyhurst College	Md.
Martin, Robert Laverne	Va.	Mathis, Vearl P.	Va.
Martin, Rosa Irene	Va.	Mathusa, Jesse Leonard	D.C.
Martin, Ruth C.	Pa.	Matlon, Frank Cyprian	D.C.
Martin, T. Carlyle	Md.	Matlow, Norman	Va.
Martin, Theda Rae	Md.	Matson, Richard Lee	D.C.
Martin, Thomas Archie	D.C.	Matteson, Marilyn	D.C.
Martin, Watt Nicholas	N.C.	Matthawa, Helen Glenn	D.C.
Martin, William Edmund	S.C.	Matthes, Chester Anthony	D.C.
Martin, William Francis	D.C.	Matthews, Ann Forrest	Va.
Martinez, Zaida	D.C.	Matthews, Denbigh Schuyler	
B.S. 1942, University of Puerto Rico		B.S. 1943, The George Washington University	Tes.
Martini, Anthony F.	Pa.	Matthews, Doris	Va.
Martins, Elson Solano	Brazil	Matthews, Joseph Brown	
Martone, Jennie O.	D.C.	B.S. 1930, Lehigh University	Md.
Martusevich, Gregory P.	N.Y.	Matthews, Loren Allen	
Martyn, Raymond DeWint	D.C.	A.B. 1940, Union College	N.Y.
Marsus, Walter	Mass.	Mattimore, Walter Bernard	D.C.
Marvil, Frederick Linwood, Jr.	Del.	Mattingly, Hubert William	D.C.
Marx, David Lester	D.C.	Mattingly, Thomas Ernest, Jr.	Kans.
Marzo, Floyd A.	N.Y.	Mattix, Jennie Faye	D.C.
Mashovitis, James Harry	D.C.	Mattson, Arthur Richard	Wash.
Masiello, Joseph Alvin	Va.	Mattson, Julius L.	
Maskaleris, Christos Louis	D.C.	A.B. 1944, American University	Md.
Maslak, John	Pa.	Mattson, Philip T. B.	D.C.
Mason, Archibald Osburn	Va.	Matuszewski, Irwin John	D.C.
Mason, Bohn Avers	Md.	Matvey, John Thomason	
Mason, Chayton Diez	Va.	B.S. in E. 1934, Duquesne University	N.Y.
Mason, Jack Edmond	Tenn.	Matzkin, Muriel Renee Josephine	Pa.
Mason, Sam	D.C.	A.B. 1941, Brooklyn College	
Mason, Webber James	Maine	Matzko, John Joseph	D.C.
A.B. 1945, University of Maine		A.B. 1942, Lehigh University	D.C.
Masse, Armand Mathias	D.C.	Mauer, Sidney Ira	D.C.
Massey, Doris Claudine	D.C.	Mauldin, Patricia M.	Va.
Massey, Jerome Louis	Va.	Maupin, Dorothy Ray	D.C.
Massey, John Alexander	D.C.	Mauter, George Joseph	D.C.
Massey, Joseph Frederick	D.C.	Maurer, Herbert Maurice	D.C.
Massie, Elizabeth Faulkner	Va.	Mauricio, Paul Fernando	N.J.
Massie, Katie Garland	Va.	Mauriello, Matthew Joseph	N.J.
B.S. 1945, State Teachers College, Farmville, Va.		Mauriello, Nicholas M.	N.Y.
Massolotti, Lilla	Va.	Mauro, Carl	
A.B. 1946, The George Washington University		A.B. 1941, State Teachers College, Brockport, N. Y.	D.C.
Masonian, Suzanne	N.Y.	Mauteller, Patricia	Wis.
Masters, Edward Eugene	N.C.	Mautner, Olga G.	D.C.
Masterston, James Aaron	Wis.	Mautner, Robert William	Va.
B.S. 1948, United States Naval Academy		Mawzy, Michael P.	D.C.
Mastony, Mary Bertha	N.J.	Maxim, Charles S.	D.C.
A.B. 1941, Pennsylvania State College		Maxon, Robert Phillips	D.C.
Mastucci, Robert H.	D.C.	Maxson, Leon I.	Md.
Mastromichalis, Hippocrates	D.C.	Maxwell, Frederick Brooks, Jr.	Md.
Matchett, Shirley Jean	D.C.	Maxwell, Miriam Jean	D.C.
Matera, Ralph Joseph	D.C.	Max, Alma Gene	D.C.
B.S. 1946, The George Washington University		Max, Barbara	D.C.
Mates, Edward I.	D.C.	Max, Irvine	
A.B. 1939, Brooklyn College		B.S. 1938, College of the City of New York	

Students Registered

415

May, Lucy Davis A.B. 1931, The George Washington University	D.C.	McCann, Joseph R.	Va.
May, Thomas James	D.C.	McCann, Robert Thomas	D.C.
Mayer, Silvia Merrell	D.C.	McCarley, Ernest C.	Miss.
Mayer, Bernard A.	Va.	B.S. 1941, Mississippi State College	Va.
A.B. 1939, University of Pittsburgh	D.C.	McCart, James Wilson	N.H.
Mayer, Fred Louis	D.C.	McCarten, William G.	
Mayer, Joanne E.	D.C.	B.S. 1945, University of New Hampshire	
Mayer, Norman	N.Y.	McCartter, Gilbert B.	Tex.
A.B. 1936, Brooklyn College		B.S. in E.E. 1944, University of Texas	
A.M. 1942, Columbia University		McCarthy, Edward Joseph, Jr.	Ohio
Maxfield, Betty Ann	D.C.	A.B. 1941, The George Washington University	
Maxfield, Carl	Ohio	McCarthy, Francis Xavier	Mass.
Maxfield, Glover B.	D.C.	A.B. 1938, Boston College	
B.S. 1945, Swarthmore College		A.M. 1939, St. Louis University	
Maxfield, Harry Leon	La.	McCarthy, Genevieve Elizabeth	Va.
Mayne, Protasio	P.R.	McCarthy, Jack N.	Va.
May, Leon DeWitt	M.I.	B.S. 1944, Virginia Polytechnic Institute	
May, Harold E.	Ill.	McCarthy, Jerry W.	Mich.
May, Reed Dennis	D.C.	B.S. 1946, United States Naval Academy	
Mayol, Frank C.	P.R.	McCarthy, John Ernest	D.C.
B.S. in E.E. 1940, University of Puerto Rico		McCarthy, Mary Agnes	Va.
Maxwell, Jose Angel	P.R.	McCarthy, Robert Elmer	D.C.
B.B.A. 1939, University of Puerto Rico		McCartney, James Arce	D.C.
Mayo, Wells, Jean Olds	D.C.	McCartney, Theodore Robinson	Ill.
A.B. 1926, Syracuse University		McCarty, Frances F.	Ohio
Mayo, Wells, Wilfrid James	D.C.	McCarty, Thelma Price	Ill.
Maya, James William	Va.	McCarv, Harry William	Va.
B.S. 1941, Hampden-Sydney College		A.B. 1948, Bridgewater College	
Mayubby, Melvin Edward	Okla.	McCaskill, Jeanne Lane	Va.
Mazur, Abraham Nathan	N.Y.	A.B. 1945, Louisiana State University	
Mazzarino, Vincent J.	N.Y.	McCaskie, John Robert	D.C.
Mazzuca, Maria Elvira	N.Y.	McCaskie, Joseph Dean	Va.
McAllister, Alexander J.	D.C.	McCaskie, Mary Clare Antoinette	Va.
McAmis, Agnes West	Tenn.	A.B. 1939, College of Mercicordia	
A.B. 1941, Tusculum College		McCaskie, William DeForest	Va.
McAmis, Donald M.	Tenn.	McCaw, Benjamin H., Jr.	D.C.
A.B. 1939, Tusculum College		McCaw, Norman Francis	D.C.
McAmis, William Simpson	Kans.	McCaw, Edward F., Jr.	D.C.
B.S. 1933, Kansas State Teachers College		McClellan, Howard Frank	Iowa
McAnear, Frank Ed	Ark.	McClellan, I. A. Lane Hodgen	Iowa
A.B. 1945, The George Washington University		McClellan, William Parks	D.C.
McArthur, Robert C.	Va.	McClelland, James Robert	D.C.
McAskill, Harold Arthur	Mid.	McClelland, Thomas Gilbert	N.M.
McAvon, William B.	Maine	McClenahan, Donald Johnston	Idaho
B.S. 1944, The George Washington University		A.B. 1938, College of Idaho	
McAvey, Philip James	Maine	McClenahan, Forest Lionel	Id.
McBee, Gladys Louise	D.C.	McClenahan, Glenda Bernadine	Mo.
McBride, Daniel Arthur	D.C.	McCleskey, Curtis Victor	Miss.
McBride, George Warfield	Mid.	McClafford, Limmie Pauline	Va.
McBride, Robert James	D.C.	McClintock, Michael	N.Y.
McBride, Thomas G.	Tenn.	McClish, Borden D.	Va.
McCabe, Hugh Victor Keever	D.C.	McCliskey, John Stevens	D.C.
McCabe, John	D.C.	McCliskey, Sylvester John	Pa.
McCabe, Marietta C.	Va.	McCliskey, Thomas Aloysius	D.C.
McCabe, Sarah T.	Va.	McClure, Rex C.	D.C.
McCabe, Thomas Robert	D.C.	McClurg, Laura S.	D.C.
A.B. 1937, Brown University		A.B. 1926, University of Washington	
McCahy, Alice L.	Va.	McCle, Catherine Gloria	Pa.
McCain, John Sidney	D.C.	McCumb, Margaret Smith	N.I.
McCain, Thurlow Doane	D.C.	McConaney, Paul Lossier, Jr.	D.C.
McCald, Lloyd N.	D.C.	McConarney, Richard Charles	D.C.
McCald, Lyle W.	Calif.	McConnell, Harden Marsden	D.C.
A.B. 1945, The George Washington University		McConnell, Mary Helen	D.C.
McCarty, Robert E.	D.C.	McConnell, Richard D.	Va.
McCann, Dorothy Patricia	D.C.	McCormick, Anna McFlatt	Va.
		McCormick, Clifford Caldwell, Jr.	D.C.

McCormick, Edward Mack	Mo.	McElwee, Frank Wilson	Ark.
B.S. 1941, Kansas State Teachers College		McEntire, Fernie Joseph	Idaho
McCormick, Frank Leonard	Nebr.	McEver, Charles Roland	Ga.
McCormick, Homer	Va.	McEwan, John James, Jr.	D.C.
McCormick, William C.	D.C.	A.B. 1940, Columbia University	Va.
A.B. 1937, West Virginia University		McEwan, Mary Adelaide	D.C.
McCoskey, Robert Edger	D.C.	McFadden, Leola Yale	
McCotter, Carolyn Alice	D.C.	A.B. 1930, Colorado State College of Education	D.C.
McCown, John Daly	N.Y.	McFall, Bryan Campbell	D.C.
McCown, Marilyn	Md.	McFall, Creed Flannery	
B.S. 1946, Purdue University		A.B. 1945, The George Washington University	Va.
McCown, William Dewell	D.C.	McFarland, Alan R.	
A.B. 1941, The George Washington University		B.S. 1938, United States Naval Academy	D.C.
McCoy, Effie Mae	Ga.	McFarland, Thomas James	Tex.
A.B. 1936, A.M. 1939, University of Georgia		McFarlane, Mary Ellen	
McCoy, Robert Bruce	N.Y.	A.B. 1944, Texas State College for Women	D.C.
B.S. 1930, United States Naval Academy		McGann, Marjorie Louise	Colo.
McCrae, Lewis Andrew, Jr.	D.C.	McGannon, William Arthur	Del.
McCreary, Elizabeth F.	Philippines	McGarrity, Joseph Aloysius	N.J.
McCreight, Charles E.	D.C.	McGarry, Edward Clifford	
McCubbin, James Melvin	D.C.	A.B. 1944, The George Washington University	D.C.
McCubbin, John Grayson	D.C.	McGeary, Harriet A.	Ill.
McCue, Harriett Elaine	D.C.	McGee, Charles Edward	
McCue, John Kenneth	D.C.	B.Ed. 1934, Northern Illinois State Teachers College	D.C.
B.S. 1928, United States Naval Academy		McGee, Charlotte Ann	D.C.
McCue, Thomas Joseph, Jr.	Mass.	McGee, Hillis	Va.
McCulloch, Francis Walton	Ala.	McGee, James A.	Md.
B.S. 1946, Alabama Polytechnic Institute		McGee, John Rafael	D.C.
McCulloch, John Kimsey	Md.	McGee, Robert Charles	Miss.
McCulloch, Wendell Holmes, Jr.	Ky.	McGehee, Zelda Patricia	Mo.
McCullough, Eduardo Antonio	D.C.	McGhee, James Herbert	
McCullough, Robert W.	D.C.	B.S. 1941, University of Missouri	D.C.
B.M.E. 1943, The George Washington University		McGhee, William Morrow	D.C.
McCullough, William H.	D.C.	McGilvery, Francis E.	D.C.
McCune, Violet K.	D.C.	McGinnis, Norman Francis, Jr.	D.C.
McCutchen, Sarah Kennedy	D.C.	McGirk, Donald Millard	Pa.
McDade, James W.	Tex.	McGlaughlin, Jay E.	Fla.
McDaniel, Evangeline McQuire	Va.	McGoogan, Howard P.	Va.
McDavitt, John Xavier	Md.	McGovern, Edward J.	N.Y.
McDermott, Garth L.	Ill.	McGowan, John B.	Okl.
McDevitt, John X.	Md.	McGowen, Robert Lee	
McDevitt, Newell B.	D.C.	A.B. 1943, University of Oklahoma	D.C.
McDonald, Athalea	D.C.	McGrail, Francis Stephen	
A.B. 1946, University of North Carolina		A.B. 1939, College of the Holy Cross	D.C.
McDonald, Betty Jane	D.C.	McGrain, Catherine Ellmore	Md.
McDonald, Charles B.	Va.	McGrath, Howard James	
McDonald, Evelyn Josephine	Iowa	LL.B. 1941, Washington College of Law	D.C.
McDonald, Evelyn Marie	D.C.	McGrath, Kathryn Anne	D.C.
McDonald, Gorman A.	Va.	McGrath, Robert P.	Md.
McDonald, John Burke	D.C.	McGrath, Sally Louise	Va.
McDonald, Leona Eileen	Iowa	McGraw, Arthur Keith	D.C.
McDonald, Prew	D.C.	McGraw, Carrington Belt, Jr.	D.C.
McDonald, Stephen J.	Pa.	McGraw, Shirlee Ellen	
B.S. 1937, University of Pennsylvania		McGregor, Jean	
McDonald, William Franklin	D.C.	A.B. 1932, The George Washington University	D.C.
McDonough, Russell C.	Mont.	McGriff, Dorothy Llewellyn	N.Y.
McDonough, William R.	Mont.	McGuckin, John Anthony	D.C.
McDowell, Janet Beverly	Va.	McGuinness, George Dennis	Md.
McDowell, Mary B.	Ill.	McGuinness, Joan	D.C.
McDowell, Mildred A.	D.C.	McGuire, Ethel L.	Va.
McDuffee, Lois June	D.C.	McGuire, Francis James	D.C.
McEathron, Jane Melville Ross	Md.	McGuire, John Griscom	D.C.
McElroy, Charles Raymond	Iowa	McGuire, Ralph Jack	D.C.
McElroy, John D.	D.C.	McGurkin, James Joseph, Jr.	D.C.
McElwain, John William	Pa.	McHale, Robert B.	

McIntosh, Albert LeRoy	D.C.	McLean, Ephraim R.	Va.
McIntosh, James Florio	N.C.	B.S. 1924, United States Naval Academy	
McIntyre, Carl Franklin	Va.	McLean, Robert H.	N.C.
McIntyre, Ernest R.	D.C.	McLean, Rufus Dinkle	Ky.
McIntyre, Fred Louis	Nev.	A.B. 1941, Marshall College	
McIntyre, Joseph A.	Kans.	McLendon, Frank Wilson	Miss.
McIntyre, William G.	Mont.	McLendon, Preston A.	D.C.
McKain, Junetta B.	Ark.	McLendon, William Porter	Md.
McKay, Doris Mabel	N.D.	A.B. 1929, Birmingham-Southern College	
McKay, Emerald Raleigh	Mo.	A.M. 1930, University of Virginia	
B.S. 1942, Northwest Missouri State Teachers College		McLeod, Edith Lott	D.C.
McKay, Fred James	N.J.	McLeod, John W.	D.C.
McKay, James C.	Md.	McLernon, Franklin D.	D.C.
B.S. 1938, Cornell University		McLoughlin, Donald Keith	Mo.
McKay, John Walter	Ill.	McLynn, James M.	D.C.
McKay, William C.	Va.	McMahon, Eugene Francis	Wis.
B.S. 1940, University of Michigan		A.B. 1944, Pennsylvania State College	
McKee, David A.	N.Y.	McMahon, Francis T.	N.J.
McKee, Edward P.	D.C.	McMahon, John James	Conn.
McKee, John W.	Ill.	McMahon, Ralph W.	Ohio
McKee, Patrick T.	D.C.	McMahon, Sara Ryan	D.C.
McKeehan, John Badger	Conn.	McMahon, Thomas A.	Mo.
McKeel, Charles Baynor	N.C.	McMahon, William Francis	N.Y.
McKeever, Francis Edmund	Va.	McMakin, William Howard	D.C.
McKelway, William P.	D.C.	McManus, Jean	Wyo.
A.B. 1943, Washington and Lee University		McMaster, William James	Nev.
McKendrick, James Hendon	Ala.	McMeel, John W.	D.C.
McKenna, William J.	N.Y.	McMillan, George M.	Utah
A.B. 1937, Colgate University		McMillan, James Carroll	D.C.
McKenney, Margaret E.	Tex.	McMillan, William G.	D.C.
McKenzie, Lawson Morell	Ind.	McMillan, William Walter	D.C.
B.S. 1934, A.M. 1938, The George Washington University		McMillen, Jack Robert	Va.
McKeon, Alfred Jerome	Va.	McMillan, Ovid M.	W.Va.
McKeon, Matthew B.	Va.	A.B. 1930, Ohio State University	
McKeown, William L.	D.C.	A.M. 1934, George Peabody College for Teachers	
McKey, Richard K.	Utah	McMoniele, Bernard William	Pa.
McKinley, Gordon Sinclair	D.C.	A.B. 1943, Moravian College and Theological Seminary	
McKinley, Thomas William	D.C.	McMorrow, Hugh Edward, Jr.	D.C.
McKinney, Felix Adam, Jr.	Ala.	McMullen, Donald Frederick	D.C.
McKinnon, William Thomas	Va.	McMullen, Marjorie Ann	D.C.
A.B. 1935, A.M. 1926, University of Southern California		McMullen, Thomas Richard	D.C.
L.I.B. 1946, The George Washington University		McMurray, Hazel Albertine	S.C.
McKinstry, James Joseph	Tenn.	McMurray, John Horace	D.C.
B.S. 1927, United States Naval Academy		B.S. 1941, Presbyterian College	
McKinstry, Stuart Evans	N.J.	McNabb, Gertrude Elliott	D.C.
McKnight, Michael Joseph	D.C.	McNabb, Victor Owen	D.C.
McKnight, Vernon Frederick	Va.	B.S. 1935, University of Missouri	
McKune, Muriel Lois	Ill.	McNally, Amelia Kathyleen	Va.
McLaughlin, Arthur Ellsworth	D.C.	McNally, James Anthony	Va.
B.S. 1939, North Dakota Agriculture College		B.S. 1925, United States Naval Academy	
McLaughlin, Charles Michael	Ohio	M.S. 1931, Columbia University	
McLaughlin, George Joseph	Md.	McNally, James Henry	Mass.
McLaughlin, Hugh Sinclair, Jr.	Miss.	McNabb, Marjorie Phellia	Va.
McLaughlin, Joe Chester	Ill.	McNamara, Maurice Joseph, Jr.	N.Y.
McLaughlin, John Avis	D.C.	A.B. 1947, Lafayette College	
McLaughlin, Kathleen	D.C.	McNary, Don G.	Ill.
McLaughlin, Leila Lytle	D.C.	McNaughton, Harry P.	Fla.
A.B. 1946, The George Washington University		McNaughton, Robert A.	N.C.
McLaughlin, Mary Macmillan	Neb.	A.B. 1942, University of North Carolina	
McLaughlin, Russell L.	Va.	M.D. 1945, Harvard University	
McLaughlin, William Francis	Va.	McNeely, Sue D.	N.C.
A.B. 1944, Swarthmore College		A.B. 1930, Queens College	
McLaurin, Turner S.	Va.	McNeil, Donald E.	Va.
B.S. 1945, Mississippi College		B.S.M.E. 1940, University of Wyoming	D.C.
McLean, Charles Graham	N.C.	McNeil, George F.	
		A.B. 1942, The George Washington University	

McNeil, Margie Mae	Miss.	Mee, Fenton J.	Ind.
McNeil, Neil Venable	Md.	A.B. 1919, LL.B. 1920, University of	
McNeill, John Dwight	D.C.	Notre Dame	N.Y.
McNelis, John Joseph	D.C.	Meehan, Robert Howard	Va.
McNeill, Kathryn L.	Md.	Meek, Harold B.	Va.
McNelis, James R.	W.Va.	Meeker, Leonard	
McNelly, Betty L. E.	D.C.	A.B. 1937, Amherst College	
McNicholas, Cornelius T.	Md.	LL.B. 1940, Harvard University	D.C.
McNiel, Thomas Humphries	D.C.	Meekison, Virginia Victoria	
B.S. 1945, United States Military		A.B. 1931, Radcliffe College	
Academy		A.M. 1935, Ohio State University	Ohio
McNiff, Philip A.	N.Y.	Meeks, Harry Ronald	Va.
McNiff, Thomas	Kans.	Meeks, William Hamilton	D.C.
McNutt, Anna Mary	D.C.	Meese, Kenneth J.	Md.
McPhaul, Harvey Franklin	D.C.	Meese, Norman Sayford	D.C.
McPhail, John Percy, Jr.	Tenn.	Meese, Nancy Storer	Pa.
McPhaul, Christine C.	D.C.	Megalla, Ella	Ohio
McPherson, James W.	Ohio	Meges, Daniel	Okla.
McPherson, Raymond Jones	D.C.	Meges, James Horace	Iran
McPherson, Trent O.	Iowa	Mehbod, Amir Ahmed	Iran
McPhilimy, Harry Simpson, Jr.	Pa.	Mehbod, F. Fekhar Iran	Iran
McPike, Eugene W.	Va.	Mehbod, Morteza	D.C.
A.B. 1918, The George Washington		Mehl, Joseph M.	
University		A.B. 1929, A.M. 1941, University	
McPike, George V.	Va.	of Maryland	D.C.
McQuade, John Lewis	D.C.	Mehlhoppe, John Frederick	Md.
McQueary, Dennis Everett	D.C.	Meier, Albin Richard	Va.
McQueen, Robert K.	D.C.	Meier, Robert Willy	Idaho
A.B. 1944, The George Washington		Meigs, Edward D.	Va.
University		Meiller, Fred H.	Wis.
McRae, Luther Cecil	Va.	Meininger, Bertha A.	D.C.
A.B. 1927, M.Ed. 1928, Duke Uni-		Meisels, Henry Leonard	D.C.
versity		Meisels, Milton	
McShalley, Francis J.	N.Y.	A.B. 1918, University of Wisconsin	D.C.
McShane, William Robert	Pa.	Meissner, Paul	Fla.
B.S. 1944, Haverford College		Mela, Henry, Jr.	
McSherry, Elisabeth Jones	D.C.	B.S. 1919, University of Florida	Ohio
McSweeney, Charles A.	Calif.	Melden, Morley Gale	Pa.
A.B. 1940, University of Colorado		Melenzyer, Charles L.	
McTiernan, Charles Edward	N.Y.	B.S. 1943, Bucknell University	Va.
B.S. in E.E. 1941, University of		Melewicz, Frank Vincent	
Alabama		A.B. 1946, Union College	Wis.
McTighe, James Henry	N.Y.	Melius, Howard Frederick	D.C.
A.B. 1910, Hamilton College		Mell, Patricia D.	D.C.
A.M. 1949, New York University		Mellen, Robert D.	D.C.
McVey, Ethel Louise	Md.	Melletto, Frank M.	D.C.
McWhitt, Joseph R.	D.C.	Mellington, Malcolm	D.C.
Meecham, Richard White	Pa.	Melnick, Jack Lawrence	D.C.
Mead, Doris Annette	Tex.	Melton, Gene Howard	
Mead, Elwood	Nev.	B.S. 1943, University of Maryland	N.Y.
B.S. 1943, Antioch College		Meltzer, Beatrice Anne	D.C.
Mead, Robert Osborn	D.C.	Melvin, Bette Anne	Va.
Meador, Norwood A.	D.C.	Melvin, Ellsvelt B.	D.C.
B.S. in C.E. 1934, Virginia Poly-		Melvin, Herbert C.	N.C.
technic Institute		Melvin, Mary Louise	D.C.
Meadow, Cyril Zachary	D.C.	Melvin, Robert Henderson, Jr.	D.C.
Meadows, L. Frances	Ala.	Mendelsohn, Alfred	D.C.
B.S. 1942, Alabama Polytechnic In-		Mendelsohn, Donald Alvin	Fla.
stitute		Mendelsohn, Rudolph Christian	
Meadows, Mary Exie	Ala.	A.B. 1938, University of Chicago	Tex.
Meadows, Richard Carl	D.C.	Mendenhall, Margaret H.	D.C.
Mearher, Roberta Colsh	N.H.	Mendoza, Ricardo Veliz	Ariz.
Meany, Regina C.	D.C.	Menelee, Frank F.	
A.B. 1945, College of New Rochelle		B.S. 1937, United States Naval	
Mears, Ann Elizabeth	Va.	Academy	D.C.
Mears, John Stephen, Jr.	Va.	Menelee, James Francis	Tex.
Mears, Marie H.	D.C.	Menelee, Patsy Meeley	D.C.
Mears, James	S.C.	Menges, Evelyn Victoria	Kans.
B.S. 1919, The Citadel		Menges, Paul Fillmore	Nebr.
Mears, Wells	D.C.	Menke, Bernard William	
Mease, Josephine Ida	D.C.	A.B. 1940, University of Nebraska	
Medby, Jill Iris	Calif.		

Menter, Martin A.B. 1937, LL.B. 1939, Syracuse University	N.Y.	Meyer, Winifred Adolph B.E. 1948, Teachers College of Con- necticut	Conn.
Menti, Ronald Ray	Md.	A.M. 1939, Indiana University	
Mercado, Teresa Isabel B.S. 1945, College of Mount St. Vincent	N.Y.	Meyer, Yura D.	Nebr.
Mercante, Alfred R.	N.Y.	Meyerling, Catherine Cecelia	N.Y.
Meyer, Preston V. B.S. 1924, United States Naval Academy	Pa.	A.B. 1940, Seton Hall College	
Mercogliano, Charles Eugene	D.C.	Meyers, Jacob Shalom	Md.
Mercogliano, Victor Mario	D.C.	Meyers, Leonard Bernard	Md.
Meredith, Edward Wiley	Ill.	Meyers, Louis Ruth	D.C.
Merkel, Luther Daniel	Pa.	Meyers, Theresa Helen	D.C.
Merkle, Theodore Joseph	Md.	Meyerson, Herbert	N.Y.
Metaney, Joe Don	Tex.	Meyerson, Melvin Raymond	Va.
Metrell, John Yates A.B. 1942, Brigham Young University	Va.	B.S. 1942, Virginia Polytechnic Institute	
Metrell, Virginia	D.C.	Mevnela, Lewis Francis	Maine
Metrick, Ralph, Jr.	Iowa	Mezines, Basil J.	D.C.
Merrifield, Leroy S. A.B. 1938, LL.B. 1941, University of Minnesota	Va.	A.B. 1946, The George Washington University	
Merrill, Alden McKusick A.B. 1944, West Virginia University	W.Va.	Mibuck, Ann Louise	Ohio
Merrill, Nancy Elizabeth	D.C.	Michael, Bernard	D.C.
Merrithew, Knolton A.	Va.	Michael, Irvine	D.C.
Merritt, Arthur Donald	D.C.	Michael, Jerrold Mark	D.C.
Merritt, Earl Arthur	Va.	Michaelis, Edgar	D.C.
Merritt, Elise Wickes	D.C.	Michaud, Lewellyn R.	Maine
Merritt, Everett LaVerne	Pa.	Michel, Frederick J. B.M.E. 1944, College of the City of New York	N.Y.
Mesky, Milton	Pa.	Michels, Franklin Peter	S.D.
Mertz, Paul William	D.C.	Michelsen, Paul Frederick	D.C.
Mertw, Evelyn J.	D.C.	Michelson, Samuel	D.C.
Merwin, John David B.S. 1943, Yale University	Conn.	Michener, Martha Mumper	Pa.
Mesher, Samuel	N.Y.	Michini, Louis J. A.B. 1941, University of Delaware	Del.
Mesnard, Melvin Lewis	Ohio	Michols, Raymond Martin	Wis.
Mesrobian, Ralfe	Md.	Michura, Estella T.	Pa.
Messick, Florence Amelia A.B. 1926, Western Maryland College	Md.	Mickelsen, Frank R.	Va.
Messick, Jean Wadsworth	D.C.	Middlekamp, Lawrence Charles	Md.
Messing, Nadia S.	N.Y.	B.E. 1943, Johns Hopkins University	
Metheny, Leslie I.	Nebr.	Middleman, Miriam	N.Y.
Metsky, Marvin	N.I.	Middleton, Anne Winifred	D.C.
Metz, John Jacob	D.C.	Middleton, Edwin Randolph	N.C.
Metzel, Jeffrey Caswell B.S. 1948, United States Naval Academy	Ill.	Middleton, Glenn Arthur	D.C.
M.S. 1924, Columbia University		Middleton, William Wylie, Jr. B.S. 1939, Virginia Military Institute	Va.
Metzlar, Paul Norman	D.C.	Midkiff, Harold Mercer	
M.S. 1940, University of Michigan		A.B. 1938, College of Wooster	Ill.
Metzger, Edward F. B.S. 1941, United States Naval Academy	Minn.	Midland, Marvin G.	D.C.
Metzner, Joseph Francis	Mass.	Mirdal, Evelyn	Pa.
Meyer, Ark. N.	Va.	Mirall, John Joseph	Pa.
Meyer, Bertha M.	D.C.	Mihealsick, Anna Bella	Md.
Meyer, Charles Elizabeth	Md.	Mijuskovic, Max Lazare	D.C.
Meyer, Gertrude Iscome	D.C.	Mikenas, Edward	D.C.
Meyer, Hanny	D.C.	Mikesell, Alfred Hougham A.B. 1935, University of California	
Meyer, Joseph John, Jr.	N.Y.	Mikolitsky, Bernard	N.Y.
Meyer, Lucille W.	Md.	Milan-Ponce, Ramon	P.R.
Meyer, Marguerite J. A.B. 1940, University of Chattanooga	Tex.	Milans, Dominick Joseph	D.C.
Meyer, Mildred D.	D.C.	Milans, Everett Dewalt	D.C.
Meyer, Otto Frederic, Jr. A.B. 1936, Southwest Missouri State Teachers College	Md.	A.B. 1936, The George Washington University	
Meyer, William Frederick	Mo.	Millburn, Virginia R. A.B. 1942, Mary Baldwin College	D.C.
	Ark.	Milder, Myron H.	Nebr.
		Miles, Chester E.	D.C.
		Miles, Edward Michael B.S. 1930, University of Washington	Wash.
		Miles, Kelly George B.S. 1931, Appalachian State Teach- ers College	Md.
		M.S. 1936, University of North Carolina	
		Miles, Leon Michael	Va.

Miles, Russell Irving	Md.	Miller, Justin Albert	Mont.
Mileitch, Marie Victoria	D.C.	B.S. 1931, United States Naval Academy	Md.
Milice, Tessa Elizabeth	D.C.	Miller, Keith High	Okla.
Militzer, Gustave M.	D.C.	Miller, Kenneth W.	Pa.
Millar, Ann Margaret	Calif.	B.S.E.E. 1940, University of Oklahoma	
Millar, Jack William	Calif.	Miller, Laird O'Neill	
A.B. 1945, Stanford University	Pa.	A.B. 1937, Washington and Jefferson College	D.C.
Millenson, Roy Handen	Mass.	Miller, Lawrence M.	D.C.
Miller, Albert	Md.	Miller, Louis Ashur	D.C.
Miller, Allen John	D.C.	Miller, Luther Deck, Jr.	Ill.
Miller, Allison Nailor, Jr.	N.Y.	Miller, Lynn Harry	Md.
Miller, Andrew John	D.C.	Miller, Maxwell Alvord	
Miller, Antonine Geoffrion		A.B. 1923, Lombard College	Pa.
A.B. 1946, The George Washington University	D.C.	Miller, Melvin Eugene	D.C.
Miller, Betty Marie	D.C.	Miller, Merton Howard	
Miller, Beveridge D.	Ill.	A.B. 1945, Harvard College	D.C.
Miller, Bowlton Bainbridge	Va.	Miller, Norman Richard	Nebr.
Miller, Buford Dallas	D.C.	Miller, Paul Cleveland	Md.
Miller, Caroline Parkinson		Miller, Paul Meibert	
B.S. 1943, The George Washington University	D.C.	A.B. 1938, Washington and Lee University	D.C.
Miller, Carolyn Ann	Wis.	Miller, Preston Russell	Va.
Miller, Charles Edward	Pa.	Miller, Ray Lambert	
Miller, Charles Harrison	Wis.	B.S. 1936, Northwest Missouri State Teachers College	Va.
Miller, Charles Henry	D.C.	Miller, Reginald Julian	D.C.
Miller, Charles Robert	Pa.	Miller, Richard Eugene	D.C.
Miller, Charlotte N.		Miller, Robert Edward	N.J.
A.B. 1945, The George Washington University	D.C.	Miller, Robert Lawrence	
Miller, Cornelia G.	D.C.	B.S. 1943, Rutgers University	N.Y.
Miller, David Dwight	D.C.	Miller, Robert Preston	N.C.
Miller, David William	D.C.	Miller, Robert Wayne	D.C.
Miller, Earl Clayton	Va.	Miller, Roy Hamilton	D.C.
A.B. 1943, Susquehanna University	Va.	Miller, Ruth Lynn	D.C.
Miller, Elaine Shirley	D.C.	Miller, Sally Isabelle	Okla.
Miller, Felicia Mary		Miller, Samuel Duncan	Va.
A.B. 1946, The George Washington University	Ill.	Miller, Samuel Peter	N.Y.
Miller, Florence Shirley		Miller, Shirley Gray	
B.S. 1942, Pennsylvania State College	D.C.	B.S. 1940, New York University	Fla.
Miller, Frank Nelson		Miller, Shirley Snow	N.Y.
B.S. 1943, The George Washington University	Utah	Miller, Sidney H.	
Miller, Frank Richard		B.S. 1940, New York University	Pa.
A.B. 1940, The George Washington University	Md.	Miller, Theodore Arnold	D.C.
Miller, Fred B.		Miller, Theophia Peters	W.Va.
B.S. 1942, The Citadel	Ohio	Miller, Virginia Elizabeth	D.C.
Miller, George W.	Md.	Miller, Walter W.	Va.
Miller, Helen Meibbert		Miller, Wilbert Thomas	S.C.
B.S. 1942, Mary Washington College of the University of Virginia	Md.	Miller, William Laurens	D.C.
Miller, Henry Louis	Alaska	Miller, Woodrow Wilson	Ill.
B.S. 1934, United States Naval Academy	N.Y.	Milleville, Vernice Marilyn	
Miller, Herbert	N.D.	A.B. 1944, University of Illinois	Ill.
Miller, Herbert Andrew	Ohio	Milligan, David Chase	D.C.
Miller, Herbert J.	D.C.	Milligan, John Charles	Md.
Miller, Herbert John	Va.	Milligan, Joseph R.	Okla.
Miller, Herman P.	Md.	Milligan, Nora Louise	D.C.
Miller, Hersh Daniel	Md.	Milliken, Elizabeth Crawford	N.H.
Miller, Homer Ralph	Va.	Milliken, Lewis Thurston	
Miller, James Edward	Md.	A.B. 1943, Bowdoin College	D.C.
Miller, James Robert	Md.	Millington, Henry William	
Miller, Jesse L., Jr.	Md.	A.B. 1942, Cornell University	Pa.
Miller, Joann Virginia	Va.	Milliren, Miriam Lucille	N.Y.
Miller, John Louis	D.C.	Millman, Max Roland	
Miller, John Ralph	D.C.	B.S. 1937, College of the City of New York	D.C.
Miller, Joseph Edward III	Md.	Millner, Elliott	Ark.
Miller, Joseph McAlister	Tex.	Mills, Adeline Louise	Va.
Miller, Joseph Sheldon	D.C.	Mills, Beaford Norris	D.C.
		Mills, Carl	Va.
		Mills, Esther Brownell	
		B.S. 1937, Wayne University	

Mills, James Roy LL.B. 1937, DePaul University	Va.	Mitchell, Marjorie Helen A.B. 1933, University of Montana	Va.
Mills, James Slagle	D.C.	Mitchell, Muriel Ann	D.C.
Mills, Katharine Jayne	D.C.	Mitchell, Robert Jovett	Md.
Mills, Stephen Roy	D.C.	B.S. 1943, Cornell University	
Mills, Virginia Faye	Va.	Mitchell, Shirley Adelle	Md.
Mills, William B.	Maine	Mitchell, Victor Saunders	N.C.
A.B. 1929, Bowdoin College		Mitchener, Janie A.	D.C.
LL.B. 1946, The George Washington University		Mittleman, Lucille	D.C.
Mills, Yorke Custis	Md.	Mitzkowski, Walter Joseph	N.Y.
Millsap, Muriel Mary	Mo.	Mizales, Penelope M.	D.C.
B.S. 1935, Northeast Missouri State Teachers College		Mize, Robert Frank	Nebr.
Milor, Evelyn Lorraine	Md.	Mizell, Byron Butler	Fla.
Milunic, Atana	D.C.	Moale, Elsie Wootton	Md.
Milstead, Charles H.	D.C.	A.B. 1919, Goucher College	
B.S. 1947, University of Maryland		Mobberley, Helen Jeanne	Va.
Milton, James William	W.Va.	Mock, Mavens Elizabeth	Fla.
Mincosky, Mildred Leona	D.C.	Modance, Walter A.	D.C.
Minear, Belle Lorraine	D.C.	B.S. 1937, College of the City of New York	
Minear, Jeanne Mildred	D.C.	Moder, Irving	N.Y.
Minear, Newton Arthur	D.C.	Modlin, Albert Jay	D.C.
Minear, Verna Howard	Nev.	Moe, Martha Wright	Va.
A.B. 1917, University of Denver		B.S. 1930, State Teachers College, Bloomsburg, Pa.	
Miner, Richard Leo	D.C.	Moebus, Charles Junior	D.C.
Miner, Sherman Leman	D.C.	Moffett, Ethel Agnes	N.Y.
B.S. 1942, Kent State University		B.S. 1946, Brooklyn College	
Minicus, James L.	N.Y.	Moffitt, Mary Ann	Md.
Ph.B. 1931, Brown University		A.B. 1945, Butler University	
LL.B. 1940, Columbia University		Moffitt, Meredith Elizabeth	D.C.
LL.M. 1941, The George Washington University		Mohagen, Edna Alice	D.C.
Minneger, Donald I.	Md.	B.S. 1937, The George Washington University	
B.S. 1927, Springfield College		Mohar, Mary Kathleen	Ill.
A.M. 1934, New York University		Mohler, John Robbins	D.C.
Minno, John	Pa.	Mohler, Marvin Francis	Va.
A.B. 1938, University of Pittsburgh		Mohler, Mary Burton	Md.
Minor, Sophia Crouch	Va.	Mohler, Sylvia I.	Va.
Minter, Robert Octavius	Va.	Moley, Raymond	Ohio
B.S. 1924, United States Naval Academy		Molina, Richard W.	D.C.
M.S. 1912, Massachusetts Institute of Technology		Moller, Hans Stern, Jr.	N.Y.
Minthorn, Samuel Peter	Oreg.	A.B. 1946, Brooklyn College	D.C.
Minton, George	D.C.	Molnar, Alfred	N.J.
Mintz, Sidney	Va.	Mumm, Albert Otto	
A.B. 1938, Ohio State University		B.S. 1928, United States Naval Academy	
Mintz, James Forrest	W.Va.	Monahan, Raymond D.	D.C.
Mirandon, Joseph Wilmer	D.C.	Monchlovich, Mike	Va.
Mikes, Karl Richard	Wis.	Monroe, Thomas St. Leger	D.C.
Misch, Clifton Luther	Pa.	Mondlock, Marguerite Mignonette	Ill.
Mischler, Edward Francis	N.Y.	Monter, John Baptiste	Pa.
Misser, Robert David	Ill.	B.S. 1941, University of Pittsburgh	
Misselbeck, George F.	Va.	Monsera, Frank Daniel	D.C.
Mitchell, C Bradford	Mass.	Monsier, Joseph George	Ohio
Ph.B. 1928, A.M. 1929, Wesleyan University		Monteal, Ruth H.	Fla.
Ph.D. 1929, Harvard University		Monteal, John A.	Mich.
Mitchell, Edward Alexander, Jr.	D.C.	B.S. 1935, Ferris Institute	
Mitchell, Frank, Jr.	Tex.	Monse, John Henry J.	S.C.
B.S. 1943, Texas Technological College		Monsen, Albert Burdell	Utah
Mitchell, George Day	Md.	B.S. 1940, Brigham Young University	
B.S. 1934, Johns Hopkins University		Monson, Warren Dean	Ohio
Mitchell, Hannah Jane	Va.	A.B. 1944, University of Michigan	
Mitchell, James Anderson	D.C.	Montagne, Frances Virginia	D.C.
B.S. 1916, Earlham College	Ind.	Montague, William Eugene	D.C.
Mitchell, Janet MacDonald	Va.	Montalban, Michael S.	N.Y.
Mitchell, John Lee	D.C.	Montalvo, Louis Antonio	D.C.
Mitchell, Kyle Ben	Ala.	Monter, Hobart Mansfield	Md.
Mitchell, Marguerite	Va.	Montel, Patricia	Va.
		Montgomery, Alice June	Va.
		Montgomery, Charles Raymond	S.C.
		Montgomery, George Thomas, Jr.	D.C.
		Montgomery, Joe Moore	D.C.

Montgomery, John William M. B.S. 1940, United States Naval Academy	Mo.	Moran, Andrew John Moran, Charles V. Moran, Clarence E. Moran, Frank J. Moran, Leon J. Moran, Mary Moran, Terrance L. Morea, Andrew J. Morehead, Russell D. Morehouse, Marjorie L. Moreland, Chester M. Moreland, Helen Lucile B.S. 1940, Iowa State College of Agriculture and Mechanic Arts	Pa. D.C. W.Va. Va. Conn. Ohio Va. Pa. Ind. D.C. Pa. Iowa
Montgomery, Leonara Ryan A.B. 1944, Wellesley College	Tex.	Moreland, Raymond Eugene	D.C.
Montgomery, Martha Ann	Va.	Moren, Lilian Nancy	Va.
Montgomery, Nevil M.	D.C.	Moreno, John A.	D.C.
Montgomery, Nora Mowery	Ala.	Morgan, Albert Lewis	Mo.
Montgomery, William Jefferson B.S. 1941, Agricultural and Mechanical College of Texas	Tex.	Morgan, Cecil Wentworth B.S. 1927, Springfield College M.Ed. 1930, Ph.D. 1943, University of Pittsburgh	Pa.
Monthan, Cornelia English	D.C.	Morgan, Charles C. A.B. 1944, Dartmouth College	Md.
Montova, Alfonso Theodore	N.M.	Morgan, David Richard	Maine
Montuori, Carl F.	Md.	Morgan, Don Earle	D.C.
Moody, Elizabeth Caroline	Va.	Morgan, Earl James	N.J.
Moody, Horace Ray	D.C.	Morgan, Edgar Donald	S.C.
Moody, William Augustus	Va.	Morgan, Edward Tull	Va.
Moore, John Eden	Va.	Morgan, Glenn Franklin	N.Y.
Moojen, Guilherme A.	Brazil	Morgan, Henry Douglas A.B. 1926, Colgate University	Iowa
Moojen, Jenny Correa P.	Brazil	Morgan, John Acton B.S. 1943, Harvard University	D.C.
Moon, Joan Marie A.B. 1942, University of Maryland	Md.	Morgan, John Hamilton	W.Va.
Moon, Esther Theodosia A.B. 1941, Duke University	N.C.	Morgan, John William	D.C.
Moon, Thomas Jefferson, Jr.	Ala.	Morgan, Joseph M.	D.C.
Mooney, Mark Wendel	Md.	Morgan, Louise L.	Va.
Mooney, Nancy Ann	D.C.	Morgan, Madison Bruce	D.C.
Moor, Ralph C.	Ga.	Morgan, Marjorie E.	Ala.
Moore, Benjamin Eugene B.S. 1927, United States Naval Academy	Va.	Morgan, Marvin E.	Md.
Moore, Charles E.	D.C.	Morgan, Millard B.	D.C.
Moore, Charles L.	Va.	Morgan, Patricia P.	Md.
Moore, Donald Francis	Mass.	Morgan, Robert E.	Pa.
Moore, Dorothy Elizabeth	D.C.	Morgan, Sara James A.B. 1932, College of Wooster	Md.
Moore, Douglas H.	Md.	Morgan, Walter Clifford B.S. 1946, University of Connecticut	Ala.
Moore, Eugene Minton	Ala.	Morgan, Walter Lee	W.Va.
Moore, Frances Helen	Ga.	Morgan, William Barnes A.B. 1942, West Virginia University	Pa.
Moore, Harold Mitchell	Ala.	Morgart, Lena A.B. 1941, The George Washington University	Md.
Moore, Jack LaVera	Md.	Morgret, Charles O.	W.Va.
Moore, Jack Martin	Va.	Morgret, Clarence A.	Mass.
Moore, James Edward	D.C.	Morgret, Ethel Louise	Ind.
Moore, Jesse Lee	D.C.	Moritz, Morse Charlotte A.B. 1941, Indiana University	D.C.
Moore, John Rogers	Va.	Morley, William MacNeil	D.C.
Moore, Louis N.	Md.	Morlock, Harry Kenneth	Va.
Moore, Margaret L.	D.C.	Mornone, Augustus James	Va.
Moore, Margaret M.	D.C.	Morox, Walter Stanley	N.C.
Moore, Margaret Rachel B.S. 1940, Kansas State Teachers College	Kans.	Morris, Douglas C.	
Moore, Mary Patricia	D.C.	Morris, Edwin Dean B.S. 1940, United States Naval Academy	D.C.
Moore, Patricia A.	D.C.	Morris, Frances Rita	Conn.
Moore, Richard Lawrence	Va.	Morris, James Peter	Ky.
Moore, Robert Benjamin	Va.	Morris, John Graves	Va.
Moore, Robert Brevard B.S. 1912, United States Naval Academy	N.C.	Morris, Lewis Dawson	D.C.
Moore, Robert George	D.C.	Morris, Owen Hughes, Jr.	Mass.
Moore, Robert Jean	D.C.	Morris, Robert Earl	
Moore, Sara Walker A.B. 1931, Goucher College	Tenn.		
Moore, Springs Reid A.M. 1938, University of Chicago	Md.		
Moore, Thomas Wesley	Va.		
Moore, Waldo Hawthorne	Va.		
Moore, Ward John	D.C.		
Moore, William Edward B.S. 1915, College of William and Mary	Va.		
Moore, William Fort	Ala.		
Moorman, Mary Virginia	Va.		
Moose, Coy Elmer	Va.		
Morales, Donald C.	Ind.		

Morris, William S. B.S. 1948, Florida Southern College	Fla.	Muehlhause, William	D.C.
Morrison, Carson C. A.B. 1926, Pacific Union College	Md.	Mueller, Peter Klaus	D.C.
M.S. 1942, University of Southern California		Mugavin, Robert S.	Ohio
Morrison, Howard Irwin	N.Y.	Mugnano, Louis	N.Y.
Morrison, James R.	D.C.	Muhonan, Neil Nicholas	Minn.
Morrison, Martha Ann	Va.	Mulberry, Richard, Jr.	D.C.
Morrison, Ralph DeGarmo	Kans.	Mulhearn, Rupert Albert	D.C.
Morrison, Ralph Robert	D.C.	Mullitz, Lewis	D.C.
Morris, R. Robert Allan	N.Y.	Mullaly, Mary Helen	D.C.
Morris, V. Vinod Addison	Maine	A.B. 1944, Catholic University of America	
Morrison, William R.	Va.	Mullen, James J.	Wis.
Morrow, Christopher Mollen	Mo.	B.Ed. 1941, State Teachers College, Whitewater, Wis.	
Morrow, Gay	D.C.	Mullen, Walter Raymond	Va.
A.B. 1943, Lynchburg College		B.Ed. 1910, Illinois State Normal University	
Morrow, Martha Elwanne	Md.	Mullendore, Betty Jane	D.C.
Morrow, Warren Preston	D.C.	Muller, Olive Mary	Va.
Muse, Edwin H.	Va.	Muller, Victor Casper	Va.
A.B. 1948, Amherst College		B.S. 1931, University of Southern California	
Moser, George Patrick	Md.	Mulligan, Ernest Holmes	Md.
Morse, Thomas Irwin	Nebr.	Mullin, Mary Ann	D.C.
B.S. 1943, University of Nebraska		Mulling, Jack	D.C.
Morton, David C.	N.C.	Mullins, Ernest Brown	Va.
Moss, James Cleburne, Jr.	D.C.	Mullins, Charles Paul	N.Y.
Moss, Martin Winn	Oreg.	Mullins, Elwood Hatcher	Md.
Moss, Robert E.	Okla.	Mullins, Emily S.	Ala.
A.B. 1941, University of Oklahoma		Mullins, Jessie Edith	Va.
Moser, Ben	Va.	Mullins, William Chesterfield	Ky.
Moser, George D.	Va.	Mumbert, Fred R.	D.C.
Moses, Hannah R.	N.Y.	Munier, Dorra ne Junette	Va.
A.B. 1945, Hunter College		Munro, Catherine C.	Md.
Moses, Robert Saul	Va.	Munro, Robert Sterling	N.J.
Moshovitz, James H.	D.C.	Munson, Betty Mylene	Ind.
Moser, Mary Fortis	D.C.	A.B. 1944, The George Washington University	
Moskowitz, Herbert	D.C.	Munson, Marion Jean	D.C.
Moskowitz, Margaret M.	D.C.	Munter, Leonard	N.Y.
Moskowitz, Milton Sam	D.C.	Murav, Selma	Va.
Moss, Helmi Amanda	D.C.	Murphy, David Claudius	D.C.
B.S. 1943, State Teachers College, Farmington, Mass.		Murdoch, Joseph Boyd	D.C.
Moss, John B.	D.C.	Murdoch, Sidney Ozell	Tex.
B.S. 1921, United States Naval Academy		A.B. 1941, Hardin Simmons University	
Moss, Nathan S.	N.Y.	Murden, Shirley M.	Va.
A.B. 1946, Bucknell University		Murtane, Jeanne Marie	D.C.
Moss, Sidney J.	N.Y.	Murphey, Elton Ira	D.C.
Mossman, Donna Jane	Ohio	Murphey, Ruth Virginia	Va.
Mossman, Paul Burrell	Calif.	Murphy, Barbara Marie	D.C.
A.B. 1946, University of California		Murphy, Charles O.	Ga.
Motley, Robert Eugene	D.C.	A.B. 1940, Emory University	
Mott, Joseph Arthur	Md.	Murphy, Edward James	D.C.
Mott, Richard Henry, Jr.	D.C.	Murphy, Eleanor Marguerite	D.C.
Mottram, Harold Richard	D.C.	Murphy, Eleanor Ruth	D.C.
Moska, Janet Stella	N.Y.	Murphy, Emmett J.	R.I.
Mout, John Charles	Mt.	Murphy, Gertrude Mary	D.C.
Moul, George Edward	D.C.	Murphy, Henry	D.C.
Moulton, Arthur Bertram	Maine	Murphy, Imelda Frances	D.C.
B.S. 1944, University of Maine		Murphy, James Emmett	Va.
Moulton, Elizabeth M.	D.C.	Murphy, James Palmer	Ill.
Moulton, Roger Daniels	Va.	Murphy, Jay Wesley	
B.S. 1943, University of Maine		A.B. 1943, University of Illinois	
Mousseau, Alexander R.	Md.	J.D. 1943, LL.M. 1944, The George Washington University	
Mowry, Boardman Shaw	Ill.	Murphy, Joan Catherine	D.C.
B.S. in C.E. 1940, Purdue University		A.B. 1940, The George Washington University	
Mowry, Vera L.	Pa.	Murphy, John Donald	Md.
B.S. 1934, A.M. 1940, University of Pittsburgh		Murphy, John William	D.C.
Moy, Ernest Don	D.C.	Murphy, Joseph A.	D.C.
Moyerman, Ruth Jean	N.J.		
Muchnick, Sarah Belva	D.C.		
Muck, William L.	Va.		

Murphy, Joseph N. B.S. 1927, United States Naval Academy M.S. 1939, California Institute of Technology	D.C.	Myers, Robert Holt A.B. 1940, Princeton University	D.C.
Murphy, Norman Glenn	D.C.	Myers, Virginia Anne	Md.
Murphy, Richard William	D.C.	Myerson, Jacob Myer	D.C.
Murphy, Robert Bernard	Md.	Myint, Ma Khin	Burma
Murphy, Robert Edward	D.C.	A.B. 1946, University College	
Murphy, Virginia Riley	Va.		
A.B. 1936, Randolph-Macon Woman's College		Nadeau, Frances N.	Tex.
Murphy, William A.	Tenn.	Nadel, Sidney	D.C.
Murphy, William Jeremiah	D.C.	Nadler, Frances F.	Mass.
Murray, Charles Randall	D.C.	Naecker, Marie Anne	D.C.
A.B. 1931, Princeton University		B.S. 1937, Wilson Teachers College	D.C.
Murray, Claude Lorrain	D.C.	Naecker, Priscilla Margaret	Md.
Murray, David Daniel	Va.	Naehle, Milton F.	Conn.
B.S. 1933, The George Washington University		Nahas, George Frederick	D.C.
Murray, Herbert Henry	D.C.	Nahn, Doris	D.C.
Murray, James Andrew	D.C.	Nahme, Muriel Lee	Iowa
Murray, James Gorsuch	Md.	Naiden, Eulaine	
Murray, James Patrick, Jr.	Va.	B.S. 1942, State University of Iowa	Okl.
Murray, Maggie M.	D.C.	Nail, Gerard V.	Va.
Murray, Richard Wilson	D.C.	Naille, Virginia Fitz	
B.S. 1943, Mount St. Mary's College		A.B. 1945, College of William and Mary	
Murray, Robert Jewell	D.C.	Nall, James R.	D.C.
Murray, Sydney	D.C.	Nalls, Garland Kennedy	Va.
Murrell, Glenn Curtiss	D.C.	Nalls, John Willard, Jr.	Md.
Murrey, Harrell P.	Tenn.	Nameth, Betty Evelyn	D.C.
Murrow, Juanita Smith	D.C.	Nance, Elizabeth Boyd	Ga.
A.B. 1930, Florida Southern College		Nance, Ophir Carmal, Jr.	Va.
Murtha, Mary Margaret	S.D.	Nance, Robert C.	Minn.
A.B. 1938, University of South Dakota		Narfizian, Edward A.	D.C.
Musby, Alice Mary	D.C.	Narunsky, Reuben	
Muscato, Amelia C.	N.Y.	Ph.G. 1930, University of Maryland	D.C.
A.B. 1945, D'Youville College		Naah, Lester W.	N.Y.
Muse, Benjamin	Va.	Naah, William H.	D.C.
Muse, Claude Revere, Jr.	Va.	Nason, Mary Louise	Iowa
Muse, Katherine	D.C.	Nassif, Helen	Syria
Muse, Margaret B.	Kans.	Nassirafifa, Ismail	W.Va.
Musgrave, Evelyn Flago	Va.	Nathanson, Sherman N.	D.C.
B.S. 1934, Tufts College		Nathanson, Sherrie Rose	Mo.
Mushabac, Robert J.	D.C.	Nations, Blanche L.	S.C.
A.B. 1942, Brooklyn College		Nauful, Grace Doris	Md.
Mutchler, Thomas Edward	D.C.	Naugle, Glenn Lamar	D.C.
Myer, Lloyd Zuck	Pa.	Nauman, Emma B.	
Myers, Arthur Rubin	Md.	B.S. 1928, Oklahoma College for Women	Md.
Myers, Billie R.	Va.	Naylor, Allen Clark	Md.
Myers, Charles Frank	D.C.	Naylor, Guy Rogers	Mass.
Myers, Clarence J.	N.J.	Nealsey, John Francis, Jr.	Va.
Myers, E. Evelyn	Va.	Neal, James Robert, Jr.	D.C.
Myers, Earle Franklin	D.C.	Neal, John William	D.C.
B.S. 1931, St. Lawrence University		Neal, Willard Earl	Md.
A.M. 1936, Columbia University		Neale, Alexander W.	Md.
Myers, George Albert, Jr.	Md.	Nealon, Philip Henry	Va.
Myers, Helen Sherman	Calif.	Neathery, George John	W.Va.
B.S. 1940, The George Washington University		Neau, Oakley T.	W.Va.
Myers, Jacob Eugene	D.C.	Neel, Katherine R.	
Myers, James	D.C.	Neely, William E.	
B.S. 1943, The George Washington University		A.B. 1934, LL.B. 1940, West Virginia University	
Myers, John Dallas, Jr.	Va.	Neenan, Elmer Bruno	Minn.
Myers, Lorna Jean	Va.	Neff, Jacqueline Henriette	D.C.
Myers, Ralph Allan	D.C.	Neff, Ruby Jean	Ohio
Myers, Richard Clayton	Md.	Negus, Mildred Emma	D.C.
A.B. 1945, Princeton University		B.S. 1927, Rhode Island State College	
Myers, Richard Duncan	D.C.	B.N. 1930, Yale University	
Myers, Richard Ira	Pa.	A.M. 1943, The George Washington University	Md.
		Negus, Raymond Anthony	D.C.
		Neidorf, Sol	Pa.
		Neil, Clyde G.	N.J.
		Neil, Katrine D.	

Neishloss, Meyer B.S. 1933, Johns Hopkins University LL.B. 1941, Georgetown University	D.C.	Newkirk, Roy Francis Newlin, Joseph Homan A.B. 1942, The George Washington University	N.J. Pa.
Neitzey, Maurice Joseph Nellor, John Harold Nelsen, Arden Robert A.B. 1942, Nebraska Central College	D.C. M.I. Nebr.	Newman, Jack B.S. 1939, College of the City of New York	N.Y. Md.
Nelson, Barbara Jane Nelson, Bertle A.B. 1945, The George Washington University	D.C. D.C.	Newman, Leon B.S. 1942, College of the City of New York	
Nelson, Carl Jerome B.S. 1932, A.M. 1935, Northwestern University	Va.	Newman, Ralph Martin, Jr. Newman, Raymond C. Newmyer, Alvan Leroy, Jr. B.S. 1939, University of Virginia	Del. Minn. D.C.
Nelson, Donald Sell Nelson, Edward Monroe Nelson, Frances Nelson, George Richard Nelson, Karin A. A.B. 1945, Bucknell University	D.C. Va. D.C. Conn. N.J.	Newmyer, Armand Newman, William Webster Newpher, Ivan Woodrow A.B. 1951, Franklin and Marshall College	D.C. D.C. Pa.
Nelson, Kermit Chester Nelson, Lewis Clair B.S. 1939, Utah State Agricultural College	Minn. Utah	Newquist, Noel Clayton Newsom, Howard Fowler Newsom, Martha Ellen Newsom, Rayburn Hilliard Newsome, George Marvin Newton, Eva Marie Newton, Howard J. Newton, James R. Newton, John B. Newton, Lewis Ney, Jerome B. Nezin, Cecile Adele Nichol, Kathryn Mers Nicholas, William Nicholls, William Gray Nichols, Charles Chester Nichols, Dorothy J. Nichols, Eleanor D. Nichols, Francis Edward Nichols, Frank Dean Nichols, Harry Edwin Nichols, John Ptomey Nichols, Phyllis Annette A.B. 1942, The George Washington University	Kans. D.C. Ark. Va. D.C. D.C. Va. D.C. Pa. D.C. D.C. Ill. D.C. D.C. Tex. Md. D.C. W.Va. Ky. D.C. D.C.
Nemes, Michael S. Nemur, Fred Robert A.B. 1945, University of Texas	Md. Tex.	Nichols, Relford Bond Nichols, Vernon G. Nichols, Warren J. Nicholson, Mildred E. Nickel, Walter F. Nickelson, William R. A.B. 1927, United States Naval Academy	D.C. D.C. D.C. D.C. Va.
Nernberg, Ralph A. Nershi, Michael T. Nesbit, Barbara Agnes Nesbitt, Henry Clay Nesbitt, John Nessi, Ermenia Nesline, John Francis, Jr. Nesul, Norman David Nethken, Mary Helen A.B. 1930, A.M. 1932, West Virginia University	Fla. N.J. D.C. W.Va. D.C. D.C. Va. D.C. W.Va.	Nickerson, George Willis Nickolow, Victoria A.B. 1942, State University of Iowa Nicodemus, Carol Elizabeth Nicodemus, Donald E. Nirol, Helen Osterrieth A.B. 1926, University of Berlin M.S. 1941, Columbia University Nicolaidis, Manuel Make B.S. 1943, University of Maryland Niroll, Clyde D. Niederstrasser, Robert Edward Niestheldt, Dorothy Wolfe Nietfeld, Herbert Niehuss, Jacob Clark A.B. 1940, University of Alabama Nielson, Donald Clarence Nielson, Jean B.S. 1940, A.M. 1941, The George Washington University	Okla. Iowa Ohio D.C. Md. Md. Tenn. D.C. D.C. D.C. Ala. Mo. Va.
Neufeld, Arthur Irvin Neubauer, Charles W. Neumann, George Wilbur Neumann, Pearl Marie Neumann, Richard K. Neuss, Cecile Neveleff, Jerome C. A.B. 1941, Yale University Neustadter, Ethel L. A.B. 1947, Hunter College A.M. 1948, Columbia University	D.C. D.C. Ind. Md. Md. D.C. Conn.	Niemman, Charles C., Jr.	N.Y.
Neville, James Patrick Neuls, Florence I. Newin, John Irving Newros, Constantine A. New, Justin Derieux New, Riccy Sylvester, Jr. Newcomb, Douglas Edward Newcomb, Laurence C. B.S. 1948, State Teachers College, Buffalo, N. Y. Newcomb, Margaret Elaine Newell, Edward Wilson Newell, George Brandon Newell, Robert Yates III Newkirk, George Francis	Nebr. Vt. N.Y. D.C. Ga. D.C. N.Y. D.C. Va. Ill.		

Nieto, William	P.R.	Norris, George Todd	Va.
Nifong, James Milton	D.C.	B.S. 1934, Bowling Green State	
Nikolopoulos, Louis Nicholas	D.C.	University	D.C.
Niles, Irene Marie	Mic.	Norris, Jerome Joseph	D.C.
Nilles, George Joseph	Ill.	Norris, Joseph Kieffer	D.C.
Nilon, Leo William	N.Y.	Norris, William Baines, Jr.	D.C.
B.S. 1927, United States Naval		North, Evans W.	D.C.
Academy		North, Ramona Ruth	D.C.
Nilsen, Sylvia Eugenie	D.C.	Northrup, Graham Theodore	D.C.
A.B. 1939, University of Utah	Pa.	Notton, Helen Ryan	Nev.
Nimeroff, Isadore	D.C.	Notton, Hugh Stanton	Md.
Nimetz, Irene	D.C.	Notton, James R.	N.J.
Nimmons, Ellen	D.C.	Notton, Margaret P.	D.C.
Nimocks, Lalla Greer		Notton, Raymond Howard, Jr.	Colo.
A.B. 1945, Converse College	Va.	Norton, Rosella M.	Md.
Nisselson, Gloria T.	D.C.	Norton, Shirley Ann	Md.
Nisson, George Wendell	Mo.	Notwood, Mary L.	Ohio
Niswander, Frank Clyde		Notary, Marietta Bertha	
A.B. 1941, Colorado College	Ohio	A.B. 1942, The George Washington	D.C.
Niswander, Joseph Kingdon		University	D.C.
A.B. 1944, The George Washington		Notz, Joseph George	
University	D.C.	Notz, William Alan	Ohio
Nix, Clyde Frank	Va.	B.S. 1943, Harvard University	Md.
Nixon, Florence Guild		Noufer, Charles John	Pa.
A.B. 1945, The George Washington		Novak, George William	Nev.
University	Kans.	Novakovich, Dan	D.C.
Nixon, Russell B.	Md.	Novakovich, Nada	N.Y.
Nobel, Joseph S.	Pa.	Novinger, Mary Alice	D.C.
Nobel, Louis Nicholas	Va.	Nowak, Jeannette	D.C.
Noble, Ben Paul		Nowak, Leopoldina Antonie	D.C.
A.B. 1946, The George Washington		Noyes, Lelia Gordon	Minn.
University	D.C.	Noyes, William McCrum	D.C.
Noble, Morton William		Nubbe, Virgil George	D.C.
A.B. 1943, Catholic University of		Nucci, Hubert Peter	D.C.
America	D.C.	Nugent, Adelaide	D.C.
Noble, Priscilla Merle	Ind.	Nugent, Paul Raymond	
Noble, Robert Ash	N.Y.	B.S. 1942, The George Washington	Md.
Noble, Sheldon A.	Ky.	University	D.C.
Nofsinger, William G.	Md.	Nuhn, John Alfred	D.C.
Nohel, John Adolph	Ohio	Nuhn, Richard Louis	D.C.
Nolan, James Daniel	D.C.	Nunez, Rodrigo	D.C.
Nolan, Sally Marie	Va.	Nung, Rodrigo	
Nolan, William Joseph, Jr.	Md.	Nunley, William Tortence	
Noland, Wilber Floyd	Pa.	A.B. 1940, Marshall College	W.Va.
Noll, Louis R.	Va.	M.S. 1942, Syracuse University	Va.
Nolley, Eugene D.	D.C.	Nunn, Joe Alexander	
Nolte, Albert C.		Nunn, John Robert	
B.S. 1943, Princeton University	Md.	B.S. 1923, United States Naval	D.C.
Nolte, William Robert		Academy	D.C.
B.S. 1942, University of Illinois	D.C.	Nussbaum, George Leight	Va.
Nonamaker, Charles Henry, Jr.	D.C.	Nussbaum, Harry Arnold	Va.
Nones, Walter Lohmann	N.Y.	Nuttall, Caryl A.	D.C.
Noon, Thomas Joseph		Nuttall, Robert Bostick	Va.
B.S.E.E. 1928, University of Notre		Nuttman, Harold Franklin	D.C.
Dame	Tex.	Nyberg, Ernest Wilmer	N.Y.
Noonan, Mary Ann	N.J.	Nye, Therese Gloria	Calif.
Norcross, Callon A.	Colo.	Nygard, John Clarence	
Norcross, Harold Leslie	D.C.	Nyhagen, Donald R.	Md.
Norcross, Jean Leslie	D.C.	B.S. 1944, University of California	
Norcross, MacLane W.	D.C.	Nylen, Edward Warren	
Norcross, Pearl Wiggins	N.J.	B.S. 1942, University of Maryland	
Nordham, George Washington	N.Y.		
Nordholm, Eric Greg	Ohio		
Nordsiek, Frederick Carl	Va.		
Nordstrom, Neale J.	Va.		
Norfleet, Helen	Ga.		
Norman, Ellington Murray			
A.B. 1944, University of Georgia	D.C.		
Norman, Ray	Ill.		
Norman, Robert Merle	D.C.		
Normandeau, Keith Joseph	D.C.		
Norment, Mary Hillyer	Va.		
Norr, Marriner K.			

O'Brien, Francis Eugene	Ohio	O'Keefe, George Aloysius	Mass.
O'Brien, Francis James	D.C.	O'Kelly, James W.	Calif.
O'Brien, James Joseph	D.C.	Okerson, Glenn Woodrow	Okla.
O'Brien, John Lawrence	D.C.	B.S. in E.E. 1935, University of	
O'Brien, Katherine E.	D.C.	Oklahoma	
O'Brien, Marilyn Patricia	D.C.	Olchinski, William Joseph	Pa.
O'Brien, Ralph Vincent	D.C.	Olchaker, Hazel Leota	D.C.
O'Brien, Richard Glynn	D.C.	A.B. 1942, The George Washington	
O'Brien, Robert E., Jr.	D.C.	University	
B.S. 1936, United States Military		Olds, Mary Leland	D.C.
Academy		Olgers, Grace Alma	Va.
O'Brien, Robert John	N.Y.	B.S. 1947, State Teachers College,	
O'Brien, William John	Mass.	Farmville, Va.	
B.S. 1942, Tufts College		O'Leary, Helen Madelene	Mass.
Obrochta, Joseph Andrew	Va.	O'Leary, John Francis	D.C.
B.S. in C.E. 1940, Virginia Poly-		O'Leary, Edward Joseph	Pa.
technic Institute		O'Leary, P. J., Jr.	Tex.
Obyran, Ray Eugene	Va.	O'Leary, Denis Kathleen	Idaho
O'Byrne, Joseph Michael	D.C.	Olin, Wilber C.	D.C.
Ochs, James Connor	Ill.	Oliphant, Cecil Harris	La.
Ockey, Claire	Md.	B.S. 1940, North Texas State	
O'Connell, John Joseph	Mass.	Teachers College	
O'Connell, William Joseph, Jr.	D.C.	Oliphant, Robert Chambers	D.C.
O'Conner, Adele Roe	D.C.	Oliver, Richard Maxey	Va.
O'Conner, Charles Frederick III	Va.	Oliver, Deast T.	D.C.
O'Conner, Denis Patrick	Va.	Oliver, Elsie Lou	Md.
O'Conner, Edward John	D.C.	Oliver, John Bennett	Pa.
O'Conner, James Joseph	D.C.	A.B. 1941, Yale University	
O'Conner, James Woodrow	D.C.	Oliver, Marie Elizabeth	Va.
O'Conner, Patricia Elizabeth	D.C.	Oliver, Richard Maxey	Va.
O'Conner, Thomas Mitchell	D.C.	Oliver, Wallace Bryan	D.C.
A.B. 1941, Georgetown University		Oliver, William P.	Md.
O'Connor, William E.	Mass.	A.B. 1941, University of Missouri	
A.B. 1942, Brown University		Olmert, Robert Francis	D.C.
O'Connor, James Atlee	Va.	Olmstead, Norman H.	Md.
Odgers, Robert Yasuo	Hawaii	Olney, Richard Oscar	Ohio
Odsson, Frances Marion	Va.	O'Loughlin, Francis Xavier	Pa.
O'Dea, Patrick Lawrence	D.C.	Olsen, Benjamin C.	D.C.
O'Dea, Thomas Emmett	D.C.	Olsen, Edward Harlan	S.D.
O'Dend'hal, Charles Joseph, Jr.	Va.	J.D. 1941, State University of Iowa	
O'Dineal, Mary Louise	D.C.	Olsen, Oznie M.	N.D.
Odom, Margaret C.	Va.	B.S.C. 1940, University of North	
Odomak, Walter	N.Y.	Dakota	
O'Donnell, Alice Louise	Wash.	Olshaker, Gertrude Edith	D.C.
O'Donnell, Dorothy M.	D.C.	B.S. 1944, Wilson Teachers College	
O'Donnell, Edward Francis	S.D.	Olshaker, Irving Herman	D.C.
O'Donnell, John Michael	D.C.	Olshin, Seymour S.	N.Y.
O'Donnell, Vincent Lee	Pa.	Olson, Charles Paul	Utah
O'Donnell, William Hennington	D.C.	B.S. 1939, Utah State Agriculture	
Oehlischlaeger, Virginia Louise	Vt.	College	
Offenbacher, Hurley Francis	D.C.	Olson, Leonard Emanuel	N.D.
O'Flitt, Eleanor Rebecca	D.C.	Olson, Loren K.	D.C.
O'Flaherty, Barbara Jean	Va.	L.L.B. 1940, University of Wisconsin	
O'Flaherty, Daniel Fairfax	Va.	Olson, Lucille Marie	Minn.
Oftedal, Sverre John, Jr.	D.C.	Olson, Moss Jerry	Utah
A.B. 1942, Occidental College		Olson, Nathalie C.	Va.
Ogata, Rorer William	Mass.	A.B. 1948, Indiana University	
Ogata, Ove		Olson, Richard E.	Va.
Ogburn, Walter Shore	D.C.	Olson, Richard Lionel	Conn.
Ogden, Bryan Kneass, Jr.	D.C.	O'Ma, Elizabeth Mary	N.Y.
Ogilby, Remsen Brinkerhoff II	Md.	O'Meara, William Raymond	D.C.
A.B. 1940, Harvard University		O'Neal, Albert Jack, Jr.	W.Va.
Ogle, Alexander Jackson, Jr.	D.C.	O'Neal, Dora Lench	N.C.
Ogabene, Blanche Marietta	D.C.	O'Neal, Mary Lee	D.C.
Ogawalek, Robert Stanley	Pa.	O'Neal, Sara Elizabeth	Ga.
O'Grady, Martha Mary	D.C.	O'Neal, William Leroy	Va.
O'Hara, Joseph Patrick	Minn.	O'Neill, Clara Louise	W.Va.
O'Hara, Russell Frey, Jr.	D.C.	O'Neill, Charles Thomas	Va.
O'Herin, Edward Francis	Va.	B.S. 1940, L.L.B. 1944, University	
A.B. 1942, University of Missouri		of Virginia	
Ohl, Robert Franklin	Pa.	O'Neill, Daniel Joseph	Pa.
Ohliger, Gloria Ann	D.C.	O'Neill, Edward	P.R.
O'Keef, John Edward	Ill.	B.S. 1944, University of Puerto Rico	

O'Neill, Mary Rose	N.J.	Osterman, Herbert William	Mich.
O'Neill, Robert Joseph, Jr.	N.J.	B.S. 1944, University of Michigan	D.C.
O'Neill, Tilghman	Md.	Osterstock, Dora	D.C.
Ong, Harry Alfred	D.C.	Ostrich, Ralph	N.Y.
Onion, Oliver Lloyd	Ga.	Ostrinsky, Nelson	
A.B. 1929, Lake Forest College		A.B. 1944, The George Washington University	D.C.
Onufrik, John Joseph	Pa.	Ostroskie, Leonard Jacob	D.C.
Oppgaard, Margaret Elaine	N.J.	Ostrow, Bernard Howard	
Opauth, Mary M.	Pa.	A.B. 1944, Miami University	Va.
Oravitz, Bernard Anthony	N.Y.	Oswald, Elizabeth Janet	
Orbach, Leo Bernard		B.S. 1937, University of Maryland	D.C.
B.S. 1943, College of the City of New York		Oswald, Jean Louise	D.C.
Orbaugh, Andrew Edward	W.Va.	Otero, Edward	D.C.
O'Reilly, Ann Mary	N.Y.	Otero, Robert Luis	Pa.
B.S. 1942, State Teachers College, Brockport, N. Y.		O'Toole, John Patrick	Mich.
O'Reilly, Marjorie Helen	Md.	O'Toole, Ursula Elizabeth	W.Va.
O'Reilly, Stephen James	D.C.	Ott, Mildred	D.C.
O'Reilly, Thomas Robert	D.C.	Ottenberg, Louis, Jr.	D.C.
Orleans, Joan L.	D.C.	A.B. 1942, Ohio State University	
Orlin, Hyman	N.Y.	Otterman, Harvey B.	Mo.
B.B.A. 1942, College of the City of New York		Otterson, John Paul	Va.
Orloff, Milton	D.C.	Otteson, Doris Julianna	Md.
Orlove, Henry	D.C.	Otting, William Joseph	
Ormasa, Anthony J.	Calif.	B.S. 1946, The George Washington University	Mich.
A.B. 1940, University of California		Otto, Clarence Edmund	D.C.
Ormond, William Berkeley	Md.	Ouspenskaya, Jadhana	N.C.
Orndoff, Mary Ann	Md.	Outland, Edward Burroughs	D.C.
A.B. 1942, The George Washington University		Overby, Archer Riley, Jr.	W.Va.
O'Rourke, Nancy Jane	D.C.	Overholt, William Alvin	
O'Rourke, Thomas Francis	Mont.	A.B. 1937, Davis and Elkins College	Ind.
Osborn, Eugene Quay	D.C.	A.M. 1941, Boston University	D.C.
Orsinger, William Hubert	D.C.	Overman, John Reagan	D.C.
B.S. 1943, Catholic University of America		Overmyer, John C.	D.C.
Ortega, Carlos J.	Va.	Owen, Betty Jane	Va.
Orun, Hyman	N.Y.	Owen, Claude W.	D.C.
B.B.A. 1942, College of the City of New York		Owen, George M.	D.C.
Osann, Catherine E.	Md.	Owen, Jason Joseph, Jr.	D.C.
Osann, Robert	N.Y.	Owen, Jeannette	
Osborn, Elizabeth Rich	Mich.	A.B. 1943, University of Maryland	D.C.
A.B. 1943, Kalamazoo College		A.M. 1946, The George Washington University	D.C.
Osborn, Laird Kay	D.C.	Owen, Una	
Osborn, Richard Kent	Mich.	B.S. 1945, A.B. 1946, The George Washington University	Va.
Osborn, William Gay	Mo.	Owen, William Cratt	D.C.
B.S. in Ed. 1940, Southwestern Missouri State Teachers College		Owens, Clarence Julian	Conn.
Osborne, Barbara Vonn	Va.	Owens, E. Watson	W.Va.
Osborne, Phillip Wallace	D.C.	Owens, Helen Vincent	Va.
Osbourne, Richard Reynolds	D.C.	Owens, Jack	
Osbourne, Helen Wyatt	D.C.	Owens, Jacqueline Shirley	
Osgood, Elliott Dayton	Pa.	A.B. 1943, The George Washington University	D.C.
O'Shea, Timothy Louis	N.Y.	Owens, James Joseph	D.C.
Osheroff, Milton		Owens, Marguerite Carr	D.C.
B.S. 1939, College of the City of New York		Owens, Paul Everett	D.C.
Oshinsky, Sol	D.C.	Owens, W. Leroy	D.C.
Ospifoff, Walter Stephen	D.C.	Oxholm, Axel Waldemar	Va.
A.B. 1938, Ohio State University		Oxley, John Edward	D.C.
Osavitz, Evelyn	Md.	Oyster, David Fairfax	
A.B. 1943, Goucher College		Ozier, Leslie Grady	
Osso, Anna Dolores	Pa.		
Ost, Herbert Elliott	N.Y.	Paape, Ronald Charles	
B.S. 1937, College of the City of New York		Pace, David Allen	
LL.B. 1940, Columbia University		LL.B. 1941, The George Washington University	
Oster, Glenn Lawrence	Pa.		
Osterberg, Vichelze	D.C.	Pace, Martha Eleanor	
		Pacetti, Hildegarde Agnes	
		Paciga, John Joseph	
		Packard, John Cooper, Jr.	

Packard, Ralph John	D.C.	Park, Helen Dorothy	Va.
Packer, Ellis Reed	Pa.	B.S. 1946, The George Washington University	
Packman, Claire C.	Md.	Park, Robert Hiram	N.J.
Pael, Thomas Rudolph	Va.	B.S. 1933, Massachusetts Institute of Technology	
Page, Gordon Benjamin	N.M.	Parker, Audrey Dare	Conn.
B.S. 1938, University of New Mexico		B.S. 1938, State Teachers College, Farmville, Va.	
Page, Margaret Marie	N.Y.	Parker, Cecelia M.	D.C.
Page, William Lee	D.C.	Parker, Clarence O.	Va.
A.B. 1942, The George Washington University		A.B. 1944, The George Washington University	
Pagter, Elizabeth Eugenia	D.C.	Parker, Edna Basic	N.C.
A.B. 1945, The George Washington University		Parker, Frank Coombe	Ohio
Pahigan, Norriar	Mass.	A.B. 1941, Oberlin College	
A.B. 1946, Clark University		Parker, George Alton	Va.
Paidakovich, Matt	Md.	LL.B. 1939, The George Washington University	
Paige, Robert Wilbur	Colo.	Parker, Hampton Brooks	Va.
Paine, Charles Edwin	Md.	Parker, Harold Curtis	D.C.
B.S. in M.E. 1919, University of Maryland		Parker, James Brandon	Va.
LL.B. 1925, National University	Pa.	Parker, James Perkins	Fla.
Painter, Eleanor M.	Va.	LL.B. 1935, University of Florida	
Painter, Howard Daniel, Jr.	Va.	Parker, John Edwards	D.C.
Paisley, Elizabeth Ann	Ill.	Parker, John Elliott	D.C.
Palant, Adele	D.C.	Parker, John Morgan	
Palazzolo, Guy Joseph	D.C.	Parker, Lawrence Gilbert, Jr.	D.C.
Palder, Edward Lawrence	D.C.	Parker, Mary Ames	Va.
Palfrey, Henry F.	D.C.	B.S. 1927, State Teachers College, Farmville, Va.	
Palfrey, Raymond Bell	D.C.	Parker, Ralph Woodford	Ky.
Pallua, Wayne Bryant	Mass.	A.B. 1930, Georgetown College	
Pallett, Eugene	Fla.	Parker, Raymond John	D.C.
Palmer, Cameron Bruce	Va.	Parker, Robert Wallace	D.C.
Palmer, Carroll Funk	Md.	Parker, Thomas	D.C.
B.S. 1940, University of Maryland		Parker, Victor Harwell	Miss.
M.S. 1944, University of Pennsylvania	Mass.	A.B. 1941, Southwestern Louisiana Institute	
Palmer, David Austin	Va.	Parker, William Ainsworth	Md.
Palmer, George Goldston		A.B. 1938, Harvard University	
B.S. 1940, United States Naval Academy	Tex.	Parker, William Donald	D.C.
Palmer, Hubert Bernard	Ill.	Parker, William J.	D.C.
D.D.S. 1938, Baylor University	Md.	Parker, William Necsoh	Ohio
Palmer, Joan	Va.	A.B. 1939, A.M. 1941, Harvard University	
Palmer, John Gilbert		Parkes, James Lloyd	Miss.
Palmer, Mary Lottie	Iowa	Parkinson, Kenneth Wells	Md.
A.B. 1948, Lincoln Memorial University		Parks, David Livingston	D.C.
A.M. 1946, The George Washington University		Parks, Neil Ronald	Calif.
Palmer, Max Lee		Parnele, Ralph Owen	D.C.
A.B. 1941, Cornell College	Md.	Parmenter, Margaret Anne	D.C.
Palmer, William Clinton	D.C.	Parmley, Lillian M.	Ill.
Palmes, Douglas Edward	D.C.	B.S. in Ed. 1941, University of Illinois	
Palmes, Lowell Richard	D.C.	Parnell, Carter Cimmie, Jr.	Miss.
Palmbo, Vito Angelo	D.C.	Parr, Celeste Adele	Colo.
Pamblot, Maranjal K.	Va.	A.B. 1944, University of Colorado	
Pank w. Jene Ernest	D.C.	Parriott, Sarah Elsie	D.C.
Parrill, William Eliason	N.Y.	Parrish, John Poindexter	Va.
Parrish, Marie	Egypt	Parrish, Mathew Denwood	Va.
Panzano, Pasquale	Conn.	A.B. 1939, University of Virginia	
Papamichael, Michael D.	Va.	Parrott, John Aubrey	Va.
Pape, Robert Bruce	D.C.	Parry, James Davidson	D.C.
Paper, Marian	D.C.	Parsell, David Elwood	Md.
Pappis, Spero John	Md.	Paschal, Buford Haran	Ala.
Pappas, Frank George	D.C.	Pascuzzo, Julius Richard	N.Y.
Pappas, Joseph	D.C.	LL.B. 1940, St. John's University	
Paradise, Noel Edwin	D.C.	Paskowitz, Harry	Ala.
Paraskeryas, John Emmanuel	Mexico	Passeltiner, Roberta Mae	D.C.
Parson, Charles Hernandez	Va.	Pasternack, Ann	Va.
Parish, Richard Lloyd	Conn.	Pasternack, Robert George	Md.
Parish, Sophy Ivanovna		Pasternak, Ercel Leona	W.Va.
B.S. 1931, Wheaton College	D.C.	A.B. 1946, Salem College	
Parish, Paula Marie	D.C.		
Park, Evelyn Jean	D.C.		

Pasternak, Walter Paul	W.Va.	Payne, William Matheson	N.C.
A.B. 1942, Salem College		B.S. 1939, North Carolina State College	Va.
Pastus, Peter John	Mass.	Payson, Harold, Jr.	Va.
Patch, Richard Lloyd	Va.	A.B. 1935, Oxford University	Va.
Patchan, Michael	Pa.	Peabody, Leroy Elden, Jr.	D.C.
Patchem, Anne Valentine	D.C.	Peake, Harold Jackson	D.C.
Paternoster, Gene Cressman	D.C.	B.S. 1942, Virginia Polytechnic Institute	D.C.
Paternoster, Joseph Anthony	D.C.	Pear, Bertram Lincoln	D.C.
Patten, Bernard Leonard	D.C.	Pear, Philip	
Paton, William Blair		A.B. 1941, The George Washington	D.C.
Patraiko, John	D.C.	University	Conn.
Patten, Stanley Fletcher, Jr.	Md.	Pearce, Charles Edgar	Ky.
Patterson, Bradley Hawkes, Jr.	D.C.	Pearce, James Tucker	
A.B. 1942, A.M. 1943, University of		Pearce, Walter	
Chicago		A.B. 1938, Western Kentucky State	
Patterson, Donald MacKelvy	Va.	Teachers College	
B.S. in C.E. 1939, Bucknell University		A.M. 1939, University of Michigan	Mo.
J.D. 1944, The George Washington		Pearcy, Klyne Francis	Mo.
University		Pearcy, William Kenneth	D.C.
Patterson, Elizabeth Louise	D.C.	Pearson, Beverly Stocking	Va.
Patterson, Ernest Harold	Pa.	A.B. 1940, Vassar College	
B.S. 1942, Temple University		Pearson, James Wallace	Okla.
Patterson, Frances Tellefson	D.C.	B.S. 1932, Georgetown University	Conn.
Patterson, Gerald Raymond	D.C.	Pearson, Joe Morgan	
Patterson, John Ford	Va.	B.S. 1941, Northeastern State College	
Patterson, Joseph William	Iowa	Pearson, Louisa Rita	D.C.
Patterson, Marshall Balfour	D.C.	A.B. 1930, Georgian Court College	D.C.
Patterson, Robert Lester	Va.	LL.B. 1940, University of Connecticut	D.C.
B.S. 1942, West Texas State Teachers		Pearson, Mary Frances	Md.
College	D.C.	Pearson, Max H.	Va.
Patterson, William Amos	D.C.	Pearson, Nancy Genevieve	Ill.
Pattie, Franklin Norris	Ohio	Pearson, Norman Carter	D.C.
Patton, Earl Richard		Pearson, Ruth Elizabeth	N.Y.
B.S. 1937, Ohio State University	D.C.	Pearson, William Fry	
Paul, Charles Bennett	Mass.	Peck, Bernard	
Paul, Florence Lydia	D.C.	A.B. 1939, Indiana University	D.C.
Paul, LeRoy Spencer	Mass.	A.M. 1941, Columbia University	Va.
Paulding, Clayton Alpha	D.C.	Peck, Edythe Zelda	Ala.
Pauley, Henry Monroe, Jr.		Peck, Esther Gwendolyn	
A.B. 1940, New York University	D.C.	Peck, Frederic Taylor, Jr.	Va.
Paulisch, Eugene Bernard	D.C.	B.S. 1941, Spring Hill College	Ky.
Paulos, David Theodore	D.C.	Peck, Kenneth Clarence	Va.
Paulsen, Wilbur Harper	Minn.	Peck, Martin Joseph	D.C.
Paulson, Jennie Jeraldine	Okla.	Peck, Millard	Conn.
Pauly, Katherine Jeanne	Colo.	Peck, Robert Ira	Md.
Pavela, Joseph Vincent	Md.	Peckham, Howard Louis, Jr.	
Pavia, Emma Edna	Md.	Pecora, Louis J.	
Pavia, Joaquin Antonio	Del.	B.S. 1933, Tufts College	Minn.
Pavis, Celia Kirshner	D.C.	Pederson, Wallace Henry	D.C.
Pavis, William Walter	Md.	Pedrazas, Amado	Ky.
Pavlat, Gladys Kendall		Peel, Ella Leuvenia	
A.B. 1920, University of Nebraska	Md.	Peel, Fred Welch, Jr.	
Pavlat, Robert Kendall	Pa.	B.S. 1939, LL.B. 1942, Harvard Uni-	Conn.
Pavlik, Anastasia J.	Ohio	versity	D.C.
Pavluk, Walter		Peele, Garland Austin	Va.
B.S. 1943, Western Reserve University	Md.	Peele, William Thomas	D.C.
Paxton, Robert Stratton	N.Y.	Peeler, Estelle Berrye	Va.
Payler, John Vincent	Tex.	Peeples, Irving W.	D.C.
Payne, Albert Alford	Tex.	Peery, James Brown	D.C.
Payne, Bettie Louise		Peifer, William Houston	N.Y.
A.B. 1940, Texas Technological College	D.C.	Peiman, F. ether Elizabeth	N.Y.
Payne, Camilla Moody		Peisner, Arthur A.	N.Y.
B.S. 1929, Mary Washington College	N.C.	Pelitzmeier, Betty Ann	
Payne, Carolyn Flowers	Va.	Peizer, Eugene Israel	Neb.
Payne, David Lee	D.C.	B.S. 1940, Cooper Union	Mass.
Payne, Francis Xavier	Va.	Pek, Edward Joseph	
Payne, James Nicholas	Va.	Pelassler, Helene Elizabeth	D.C.
Payne, John Gardner	Va.	A.B. 1940, Massachusetts State College	Md.
Payne, Joyce Lee	D.C.	Pell, Paul B.	Md.
Payne, Mason Charles	W.Va.	Pellerzi, Leo Maurice	D.C.
Payne, Pauline Virginia	Va.	Pelto, Victor Hugo	
Payne, Ralph Lucian	Va.	Pelton, Eleanor R.	
Payne, Rosser Hamilton			

Felton, Marion Henrietta B.S. 1934, State Teachers College, Lafayette, Pa.	Pa.	Peters, Betty Jean	D.C.
Fennier, Ethel Jane	Mo.	Peters, Charles Merritt, Jr.	Hawaii
Fence, Corrie Rebecca	D.C.	Peters, Frances LaRue	Va.
Fence, Grace Alice	D.C.	Peters, John Fineman	Md.
Fence, Thomas Arthur	D.C.	A.B. 1940, University of California	
Fendergrass, James Theodore A.B. 1939, Cornell University	D.C.	Peters, Thomas Albert	Md.
A.M. 1940, Columbia University		Peters, Virginia Briggs	Md.
Fendergrass, John Mullard	Va.	Peterson, Andrew John	N.Y.
Fendergrass, William Roger	S.C.	Peterson, Robert Roth	Iad.
B.S. 1942, Pennan University		Peterson, Stanley Wilhelm	D.C.
Feneouy, Louis Albert	D.C.	A.B. 1942, The George Washington University	
Fenoteather, Joseph Edmund	D.C.	Peterson, Alexander O.	Va.
Fiametti, Virginia Jeraldine	D.C.	B.S. 1941, Michigan State College	
Fennings, Ann	D.C.	Peterson, David Allen	Va.
Fennington, Carroll Murray	Md.	B.S. 1937, Massachusetts State College	
Fenn, Jk. John Harold	D.C.	Peterson, Dean Constantine	Va.
Fennigan, Lela	Miss.	Peterson, Dean W. Jr.	Va.
Peck, Margaret Alice	D.C.	B.S. 1941, University of Pennsylvania	
A.B. 1945, A.M. 1946, Western Re- serve University		Peterson, Edward, Jr.	N.Y.
Pepper, Hobart Garrett	D.C.	Peterson, Frank Jack	Va.
Pepper, Katherine Margaret	D.C.	Peterson, Harry Edwin, Jr.	R.I.
Percy, Morgan F.	Va.	Peterson, Marshall Noel	D.C.
Perenich, Margaret L.	D.C.	Peterson, Mel	Iowa
A.B. 1945, Trinity College		B.S. 1936, United States Naval Academy	
Perez, Alfred	Tex.	Peterson, Robert Harold	D.C.
Perez, Frank Herbert	D.C.	Peterson, Robert Lenus	Kans.
Perez, Laura Chimboga	D.C.	A.B. 1945, The George Washington University	
Perez, Colon, Jose E.	Cuba	Peterson, Robert Roland	D.C.
Peterson, Kenneth Harlan	Va.	Peterson, Stuart Randall	Mass.
Peterson, Carl	Pa.	B.S. 1940, Purdue University	
Peterson, Carol Joseph	Va.	Petraneck, Chester Jaromir	Md.
Peterson, Alfred William	D.C.	B.M. 1938, Coe College	
Peterson, Dorothy Elvira	Va.	Petrich, Vance Eli	Minn.
Peterson, Edgar Madison, Jr.	D.C.	Petrich, Altonso	N.Y.
Peterson, Mark Edward	D.C.	Petrilvo, James Stuart	N.Y.
Petric, Wallace	N.Y.	Petriska, Josephine Anne	Ohio
Petman, Al B.	Wis.	Petry, Eason Nelson	D.C.
Petman, Eliah Pincus	Fla.	Petsko, John	Pa.
B.S. 1943, Alabama Polytechnic In- stitute		Pettigrew, Jamie Lucille	Ark.
Petman, Jacob	N.Y.	Pettigrew, W. B.	Va.
Petmeter, Jack Gerondin	D.C.	B.S. 1941, State Teachers College, Maryville, Mo.	
Pettinatter, Jerome Herbert	D.C.	Pettit, Charles Joshua	D.C.
Petly, Hyman Myer	D.C.	A.B. 1946, Ohio State University	
Petna, Frank Augustus	D.C.	Petty, Bernard Leo	Calif.
Peterson, Louis Robert	D.C.	Petty, Richard Alden	Va.
Peterson, Lilian	D.C.	Peyton, James Farnival	D.C.
Peterson, James W.	Va.	Pfan, Edward	
Peterson, George Peter	D.C.	B.S. 1938, North Dakota State Teachers College	
A.B. 1940, The George Washington University		Pfeferstein, Melvin Gerald	N.J.
Petros, Harry James	D.C.	Pfeiffer, Albert Randolph	D.C.
Petros, Theodore Peter	D.C.	Pfund, Charles Edward	Iowa
B.S. 1946, The George Washington University		B.S. in E.E. 1943, Iowa State College of Agricultural and Mechanic Arts	
Perry, Hugh Russell	D.C.	Pfuntner, Carl Herman	Fla.
Perry, Jacqueline Bates	D.C.	Phelan, Marguerita Marie	N.Y.
Persiani, John Gregory	Va.	Phelan, Patrick John	Ariz.
Persiana, Rosemary	Va.	Phelps, Norman Purdy	D.C.
Persin, Doris Helen	Minn.	Phelps, Wallace Nathan	D.C.
Persson, Robert	Mass.	Phelps, Warren Francis	D.C.
A.B. 1947, Clark University		Phelps, William Wendell	Calif.
Petson, Vernon James	Va.	Pherson, John Randolph	D.C.
Petsen, Norman Edward	D.C.	Phibs, Thomas Bewley	Md.
Petsch, Joseph Louis	Md.	Phillips, Leonard Theodore	D.C.
Petland, Sarah Ruth	Ill.	Phillabaum, John Charles	Pa.
Petrakov, Mikhail E.	Russia	Phillips, Anna Louise	D.C.
Peter, Thomas Armistead	D.C.	B.S. 1944, Columbia University	
Peterkin, Arthur Frederick	British West Indies	Phillips, Anne Verbulceez	D.C.
		A.B. 1945, Ohio State University	

Phillips, Bernard Irving	D.C.	Pilzer, Herbert Morton	D.C.
Phillips, Donald Harris	D.C.	A.B. 1939, The George Washington University	D.C.
Phillips, Frank D., Jr.	D.C.	Pinch, Edward Thomas	D.C.
A.B. 1938, The George Washington University		Pinckney, Virginia Elizabeth	D.C.
Phillips, Frederick David	D.C.	Pincock, Karma Robinson	Md.
Phillips, George Ernst	Va.	Pincus, Arthur	N.Y.
A.B. 1934, College of William and Mary		Pincus, Irving	
Phillips, Hazel Horton	D.C.	B.S. 1938, College of the City of New York	N.Y.
A.B. 1939, The George Washington University		Pincus, Saul	
Phillips, Jack Edward	N.Y.	B.S. 1941, College of the City of New York	Va.
B.S. 1942, Oregon State College		Pine, Donald Kay	Mich.
Phillips, Lawrence Vince	D.C.	Pineau, Roger	
Phillips, Lloyd James	Md.	A.B. 1942, University of Michigan	Va.
Phillips, Norman Wilson	Md.	Ping, Geraldine	Tex.
Phillips, Richard Helsden	D.C.	Pinkerton, Cecil	
Phillips, Robert Irving	Va.	A.B. 1942, Texas Technological College	W.Va.
D.M.D. 1940, Harvard University		Pinnell, George William	D.C.
Phillips, Robert Louis	Pa.	Pino, Iolanda	Fla.
Phillips, Robert Thomas	D.C.	Piper, Charles Woods	D.C.
Phillips, Ruth Eleanore	Iowa	Pippel, Richard	D.C.
Phillips, Thomas LeRoy, Jr.	Md.	Pirola, Antonio Pietro	Md.
Phillips, William Weller	Pa.	Pisapia, Elizabeth Louise	D.C.
Phinney, Alan Yardley	Va.	Piskarev, Eugene Vladimirovich	D.C.
Phinney, Barbara Elizabeth	D.C.	Pisner, Norman Norton	Miss.
A.B. 1937, Wellesley College		Pisner, Shirley Ann	
Picciano, Eugene Michael	D.C.	Pitner, Robert James	Minn.
Picciano, Marie Emile	D.C.	Pitt, Ching-Fang	
Piccoli, Lucy Marie	N.Y.	Pitt, Laud Rolland	
Pickard, Howard Brevard	Okla.	A.B. 1928, Northwestern University	
A.B. 1938, LL.B. 1940, University of Oklahoma		A.M. 1935, A.B. in L.S. 1938, The George Washington University	Minn.
Pickett, Benjamin Lindley	D.C.	Pittenger, Dorothy Elizabeth	Md.
B.S. in C.E. 1929, University of Illinois		Pittenger, Myramae	D.C.
M.S. in C.E. 1935, University of Colorado		Pittiglio, Clayton Lawrence	D.C.
Pickett, Charles IV	Va.	Pittle, Victor	Ala.
Pickett, Daniel Thaine	Va.	Pittman, James Marion	D.C.
Pickett, Frances Marie	D.C.	Pittman, Robert Julian	N.C.
Pickett, Guy, Jr.	Va.	Pitts, Madeline Viola	Tex.
Pickett, Jack Milton	Va.	Pitzer, Fannie Lyska	D.C.
Pickett, Nita A.	Ill.	Piver, Julius S.	D.C.
A.B. 1932, The George Washington University		Pivovar, Jack Morton	D.C.
Pickett, Robert Eugene	D.C.	Pizer, Robert Simon	N.Y.
Pickler, William Claude, Jr.	D.C.	Pizer, Samuel	
Pida, George	Va.	A.B. 1944, The George Washington University	D.C.
Piechowski, Mary Cynthia	Fla.	Pizza, Harry Joseph	N.Y.
Pierce, Edward Richardson	D.C.	Platt, Emil Andrew	Conn.
B.S. 1943, University of Maryland		Platt, Joan Miller	Md.
Pierce, Francis Strong	D.C.	Platt, William Templeton	
Pierce, Henry Maurice	Va.	A.B. 1939, Franklin College of Indiana	Md.
Pierce, James Baker	Mich.	Plattner, Francis Bernard	
B.S.E. 1943, University of Michigan		B.A.E. 1944, Catholic University of America	Va.
Pierce, Jana Marie	D.C.	Plazak, James Joseph	D.C.
Pierce, Robert Lawry	Calif.	Pleacher, John King	Pa.
Pierce, Ross Dee	D.C.	Plepis, Anna Olga	Va.
Piercy, Weeta Paige	N.C.	Plondke, George Winston	D.C.
B.S. 1938, Wilson Teachers College		Plonski, Walter Alexander	
Pietras, Chester Joseph	Mass.	A.B. 1940, Duquesne University	D.C.
Pigg, Millicent Celeste	Va.	Plotnick, Edith	D.C.
B.S. 1946, Mary Washington College		Plowman, Dorothy Anne	N.Y.
Pigott, George Aumas	D.C.	Plugge, Kathryn	
Pigott, Jean Rowland	Va.	Plumb, Rosemary Dengler	Mont.
Pike, Albert Hamilton	D.C.	A.B. 1943, University of Rochester	
Pike, Sara Bernice	Md.	Plumlee, Carl Harvey	D.C.
Pile, Rilla	Ariz.	B.S. 1931, Montana State College	
Pilmer, Mary Beth	Iowa	Plunkett, Edmond Robert	
A.B. 1946, State University of Iowa		B.S. 1944, College of William and Mary	Vt.
Pilzer, Charles Jay	D.C.	Plunkett, Malvin Blaine	

Plunkett, Margaret Elizabeth	Conn.	Pooton, Kenneth Norman	Va.
Plyler, Charles Herbert, Jr.	D.C.	Pope, Carroll Franklin, Jr.	Md.
Plyler, Mary Eleanor	D.C.	Pope, Douglas Harry	N.J.
Poblete, Hermino Vidal	D.C.	Pope, Fannie Fairchild	Colo.
Poch, Donald Richard	D.C.	Pope, George Allen	Idaho
Pochop, Leonard C.	Nebr.	A.B. 1943, The George Washington University	
Pocino, Vincent Angelo	N.J.	Pope, James Sterling	Colo.
Podolski, Gerald Anthony	D.C.	Pope, Llewellyn Norfleet	D.C.
Poe, Joseph Warner	D.C.	Pope, Mildred Clifton	Miss.
Poel, William E.	D.C.	B.S. 1936, Mississippi State College for Women	
A.B. 1937, Brooklyn College	D.C.	Pope, Patricia Evelyn	D.C.
Pohl, Marian Evelyn	D.C.	Popham, James Edward	Va.
B.S. 1943, A.M. 1944, Duke University	D.C.	Popham, Valberg Lee	Va.
Pohl, May Williams	D.C.	A.B. 1945, The George Washington University	
Pohl, Phyllis	Canada	Popka, Herman Edward	Ohio
Posner, Helene Alberta	Pa.	Poretzky, Sidney	D.C.
Pokempner, Minadora	Pa.	Portch, Joseph Harry	Va.
A.B. 1944, Pennsylvania State College	Ind.	B.S. 1935, The George Washington University	
Polack, Frances T.	Va.	Porter, Bennet Allen, Jr.	Md.
Polackoff, Molly		Porter, Ellis Gibson	D.C.
A.B. 1932, A.M. 1934, The George Washington University	Pa.	A.B. 1945, University of Virginia	
Polanskey, John, Jr.	Pa.	Porter, Esther Fletcher	Va.
Polaschik, Andrew	Pa.	Porter, Gail	D.C.
Polaschik, Stephen	Va.	Porter, Melvin A.	Kans.
Polchow, Alfred Christian	Md.	Porter, Ross George	Utah
Polhamus, Betty Lou	D.C.	Porter, William Morris, Jr.	D.C.
Polk, Matthew Steele	N.J.	Porterfield, Virginia Thomson	Va.
Poll, Albert	D.C.	B.S. 1942, Brenau College	Va.
Pollack, Jerome Lee		Porterfield, William G.	Mass.
B.S. 1945, Franklin and Marshall College	Pa.	Poskus, Joseph John	Va.
Pollack, Leonard	D.C.	Posnak, Genevieve Elizabeth	D.C.
Pollak, Carol	D.C.	Posner, Irene	
A.B. 1932, Adelphi College	D.C.	B.S. 1945, The George Washington University	
Pollard, Anne Douglas	Del.	Post, Lawrence A.	Wis.
Pollard, John Ray	Tenn.	B.S. 1943, University of Wisconsin	Pa.
Pollard, William Bryan, Jr.	Ky.	Post, Marilyn	D.C.
Pollard, William Franklin		Post, Rita Anne	Va.
B.S. 1941, Murray State Teachers College		Postles, Beverly Braxton	
Pollard, William Otis	Va.	A.B. 1944, College of William and Mary	Va.
Pollicove, Ruth	D.C.	Poston, Raymond Lee	D.C.
Pollin, Albert	D.C.	Postach, Joseph Norman	Va.
Pollitt, Mina E.	D.C.	Potter, Gordon Vanderbilt	
A.B. 1944, Vassar College	Wis.	A.B. 1941, The George Washington University	
Pollock, Charles Fred		Potter, Marilyn Louise	Va.
Ph.B. 1935, University of Wisconsin	N.Y.	Potter, Peter Eugene	Va.
LL.B. 1936, The George Washington University	D.C.	Potter, Raymond Selva	W.Va.
Polly, Harvey Joseph	Iowa	Potter, Robert Thomas	D.C.
Pilow, Albert Bernard	D.C.	Potter, Thomas Van	Md.
Pilson, Margaret June		Potter, Walter Ross	Md.
Pomerantz, Frances Mary		Potts, Barbara Fenderson	D.C.
A.B. 1944, The George Washington University		Potts, Doris	Md.
Pomerantz, Harry Irving	D.C.	Potts, John Thomas, Jr.	Ill.
Pomerantz, Hilda	D.C.	Potts, Kathleen Mary	
Pomponio, Angelina Ann	Va.	A.B. 1943, Illinois Wesleyan University	D.C.
Pord, Hartley Inwood	Maine	Poulase, Guss Nicholas	D.C.
B.S.E. 1942, University of Michigan	Va.	Poulmestakos, Georgia B.	D.C.
Pond, Reis Fred	Mich.	Postlin, Murrel Antoinette	England
Pond, William Judson	D.C.	Pound, Omar Shakespear	Tex.
Pontius, Phyllis Margaret		Pounds, Mary Evelyn	N.I.
B.S. 1944, Kent State University	Va.	Powdermaker, Paula Claire	Va.
Pontson, Ruth Virginia		Powell, Alfred Allen	D.C.
B.S. 1947, Farmville State Teachers College	D.C.	Powell, Harry Lee, Jr.	D.C.
Poole, Merle Elwyn	D.C.	Powell, John Frederic	N.Y.
Poole, Robert Smallwood	N.C.	Powell, Raymond H.	
Poore, Keith Marshall	Pa.		
Poorman, Mildred C.	Va.		
Poss, George Ireland			

Powell, Sally Lou A.B. 1942, Georgia State College for Women	Ga.	Pritchard, Jean Carter B.S. 1941, Elmer	Md.
Powell, Watson	D.C.	Pritchard, Robert Williams	D.C.
Power, Andrew Paul	N.Y.	Proctor, Jesse Ramon	P.R.
Power, Doris Court	D.C.	Proctor, Rachel Adele	D.C.
Power, Elsie Margaret A.B. 1939, Coe College	Iowa	Priddy, Dorothy Phyllis	N.Y.
Power, James Richard	D.C.	Priddy, Charles	D.C.
Power, Patrick Francis A.B. 1935, A.M. 1940, Catholic University of America	D.C.	Prince, Henry Harvey, Jr.	Ill.
Powers, Barbara Ann	Iowa	Prince, Darlene Diane	D.C.
Powers, Gertrude Loretta	Iowa	Prince, John Winham	D.C.
Powers, Janet Louise A.B. 1942, University of Michigan	Calif.	Prins, Alena Howland	Tenn.
Powers, William Ames	D.C.	Printz, Jack Edmondson	Va.
Powers, William Joseph	D.C.	Printz, June Wale	Va.
Pownell, Veda Lee	Va.	Prior, Freeman Garver	D.C.
Prater, William Travis	W.Va.	Prisaznick, Florence Jeanette	D.C.
Prather, Elbridge Crawford	Va.	Prishva, Nina	N.Y.
Prather, Thomas Martin	Va.	Pritchard, Arthur Reynolds	D.C.
Pratt, John Lockwood	Del.	Pritchard, Dorothy May	D.C.
Pratt, Stanford Chadwick A.B. 1938, University of Maryland	D.C.	Pritchard, Edgar Anthony	Calif.
Pratt, William Charles	N.Y.	Pritchard, Francis Thomas B.S. 1940, University of California	D.C.
Preceda, Norman B.S. 1941, Michigan State College	Mich.	Pritchard, Margaret E.	D.C.
Preece, William Martin	D.C.	Pritchett, Earl Wallis	N.C.
Preet, Elizabeth Foshie	Ala.	Privett, Heyward Smith	N.Y.
Prensepe, Nicholas Vincent	D.C.	Probat, Barbara K.	N.C.
Prenzel, Harold Thompson, Jr.	Pa.	Proctor, James Randolph	Va.
Preslar, Avis Mekelvam A.B. 1940, Baylor University	Tex.	Proctor, Jesse Harris, Jr.	Tex.
Preslar, Stephen Franklin	D.C.	Proctor, Lawrence Barnes	Va.
Preslar, Ernest Carl	N.Y.	Proctor, Lucy Rebecca	D.C.
Preston, Edward Gorman	Va.	Proctor, Wayne Monroe	D.C.
Preston, Lemus Todd, Jr.	D.C.	Proffitt, Philip Peter	D.C.
Preston, Walter H.	D.C.	Proffitt, Agnes Laura A.B. 1945, DePauw University	Okl.
Prestopino, Salvatore Anthony	D.C.	Proffitt, Waldo, Jr.	N.Y.
Pretzfelder, Leon, Jr.	D.C.	Propper, Arlene M.	N.Y.
Price, Betty Anne	Va.	Proschan, Frank B.S. 1941, College of the City of New York	Minn.
Price, Catharine Louise B.S. 1945, Dickinson College	D.C.	Prosen, Edward Joseph B.S. 1938, A.M. 1941, The George Washington University	Md.
Price, Elizabeth	D.C.	Prosperi, Evelyn Linia	Mass.
Price, 1941, Columbia University		Prouty, Norma Randall	Md.
A.M. 1944, University of Minnesota		Pruce, Alfred Albert A.B. 1941, Johns Hopkins University	D.C.
Price, Francis Bartlett	Va.	Pruden, John Stephen	D.C.
Price, Frederick William B.S. 1941, The George Washington University	Va.	Pruitt, B. Jo	Ill.
Price, George Bradley	Va.	Price, George Wesley	Mich.
Price, George Dodds	Va.	Prior, Harold Ray	Va.
Price, Helen Louise A.B. 1945, The George Washington University	Va.	Pryor, William Jerome	Conn.
Price, Hoyt Glenn	Va.	Przybylski, Wanda Frances	Va.
Price, James Bohlin	Md.	Psaki, John Nicholas	N.Y.
Price, James Edwin	D.C.	Pucci, Gerard Richard B.S.M.E. 1944, Virginia Polytechnic Institute	Tex.
Price, James Travis	D.C.	Puckett, Floyd Austin	Ala.
Price, Joseph Lindsey, Jr.	Va.	Puckett, George Henry	Ark.
Price, Loyd Mock	Ark.	Pugh, Douglas Harg B.S. 1948, United States Naval Academy	Va.
Price, Marta	Va.	Pugh, Mary Joyce A.B. 1944, Ohio State University	D.C.
Price, Marvin A.	Va.	Pugh, Mary Patricia	Calif.
Price, Myrtle Cathleen A.B. 1945, East Carolina Teachers College	N.C.	Puhle, James M. II	Tex.
Price, Normadean	Ill.	Punley, Frank Buttriss B.S. in M.E. 1942, University of Texas	D.C.
Price, Simeon Taylor III	D.C.	Pullin, William Jennings	N.Y.
Price, Troy Howard A.B. 1940, Texas College of Arts and Industries	D.C.	Pullin, Anna Rose	Va.
		Pullin, Lucille	Nev.
		Pulphrey, William L.	Ind.
		Pulver, Corbin	D.C.
		Pulver, George M.	D.C.
		Purcell, Mary M.	D.C.

Purcell, Patricia Eileen	D.C.	R	
Purcell, Richard Fisk	Minn.	Raab, Marjorie Elizabeth	D.C.
Purdie, Howell	Calif.	Rabinovich, Jacob	Md.
A.B. 1924, Vanderbilt University		A.B. 1934, College of the City of	
J.D. 1926, University of Southern		New York	
California		A.M. 1940, Columbia University	D.C.
Purdy, William Frederick, Jr.	N.Y.	Raccoon, Stanley Arnold	Ill.
M.E. 1917, Stevens Institute of		Radelhoff, Emmet	
Technology		B.S. in Ed. 1940, Southern Illinois	
Purley, James Arnold	D.C.	Normal University	
A.B. 1938, Louisiana State University		Radelhoff, George Marriott	Md.
Purtha, Paul Louis	Ariz.	B.S.E. 1943, Princeton University	
Purnell, Betty Asbury	Ky.	Raden, Henry	Ill.
Purvis, Curtis Carlisle	Va.	Radtke, Sven Gunnar	D.C.
Purvis, Lloyd Lee	D.C.	Radin, Alex	Va.
Purvis, Mary Dean	D.C.	Radlo, Gilbert	D.C.
Purvey, Frances Elizabeth	Md.	A.B. 1914, A.M. 1936, Harvard Uni-	
A.B. 1945, The George Washington		versity	
University		Radomski, Jack London	Wis.
Puseon, Norman Edward	D.C.	B.S. 1942, University of Wisconsin	
Pustilnik, William	D.C.	Raffel, Arlyne	N.Y.
Putman, Doris Love	Kans.	Raffel, Everett Morton	N.Y.
Putman, Margaret Ada		A.B. 1943, Brooklyn College	D.C.
A.B. 1911, Friends University		Raffel, Sherman Carl	Ill.
Putnam, Robert Charles	Va.	Rafferty, William Andrew	
Putnam, Russell Henry	Md.	A.B. 1939, Beloit College	Fla.
Putney, George Foster	D.C.	Ragan, Wendell Jefferson	Ohio
Puzzini, John	D.C.	Rahter, John Maurice	Va.
Pyle, Paul Woffindin, Jr.	D.C.	Rainford, Leslie Parleton	Mass.
A.B. 1941, West Virginia Wesleyan		Rainard, Urie Hubert	Va.
College		Raney, Marion Elwood	
Pyle, Harry Ruthvin	D.C.	B.S. 1941, Virginia Polytechnic Institute	Md.
Pynn, George Washington	D.C.	Raney, Waverly B.	Md.
		Raker, Jerome H.	D.C.
		Raker, John Peter	
		A.B. 1916, Muhlenberg College	
		LL.B. 1940, The George Washington	
		University	Pa.
Quade, Willie Vale Oldham	Va.	Raker, Samuel Harry	D.C.
Quagliato, Ferdinand	N.Y.	Rakha, Youssef Bahgat	Ill.
Qualla, Guy Logan	Ohio	Rakowski, Philip Leo	W.Va.
B.S. 1941, University of Georgia		Ralph, Joseph Beauchamp	D.C.
Quarforth, Carl Donald	S.D.	Ralph, Joseph Edward	Va.
B.Chem.Eng. 1946, University of		Ramaec, Edwin Miles	Va.
Virginia		Rambo, Reinald Rodney	
Quast, Walter Frederick	Md.	B.S. 1942, M.S. 1944, University of	
Queen, Francis Vernon	Ky.	Arizona	
A.B. 1941, Berea College		M.D. 1928, Harvard University	D.C.
Queenin, Raymond Joseph, Jr.	D.C.	Ramierz, Julia Rafael	D.C.
Querry, Bernice Patricia	Mich.	Ramirez, Paul R.	D.C.
Quesser, Betty, William Otis	Va.	Ramirez, Julia Rafael	N.Y.
B.S. 1943, Virginia Polytechnic Institute		Ramsay, Gwendolyn Clare	Va.
Quible, Rennie Gulick	D.C.	Ramsdell, Ruth Ann	Ill.
Quick, Alice McCordell	Md.	Ramsey, Faye Darline	D.C.
B.S. 1941, Johns Hopkins University		Ramsey, James Carson, Jr.	D.C.
Quick, Elsie McQueen	N.C.	Ramsey, Jeanie Purdie	Ohio
Quigg, Barbara Lou	Va.	Ramsey, Walter Andrew	
Quisley, Hugh John	D.C.	A.B. 1937, A.M. 1939, University	
Quisley, Thomas A.	Miss	of Cincinnati	
A.B. 1941, University of Mississippi		Rancourt, Joseph Richard	Maine
Quil, Joseph Yee	Pa.	A.B. 1942, Colby College	Pa.
A.B. 1930, M.L.H. 1941, University		Rand, Bert	
of Pittsburgh		A.B. 1928, University of Illinois	M.
Quil, John James	Mass.	Randall, Bernetta K.	Md.
Quinn, Donald Francis	Va.	Randall, Carlisle Stanley	D.C.
Quinn, Lee R.	Va.	Randall, Richard Rammer	D.C.
Quinn, Lucine Shirley	D.C.	Rand, Edwin S.	D.C.
Quinn, John Wilson	Mo.	Randolph, Harrison Tell	Va.
Quintana, Santos	N.M.	Randolph, John Lewis	D.C.
Quintanilla, Jose H.	Tex.	Rand, M. A. Andrey	W.Va.
Quintero, Maria Dolores	Cuba	Randall, Billy Frank	Md.
Quistrell, John Erskine, Jr.	D.C.	Rarden, George D. Ison	D.C.
A.B. 1941, The George Washington		Ransom, Gene M.illard	
University			
Quirk, Michael Joseph	D.C.		
Quistgaard, Ellen Brockhoff	Denmark		

Ransom, Richard Burtus	Va.	Read, Beryle R.	Ind.
Rapee, Evelyn Margaret	Md.	Read, Bradford Campbell	R.I.
Raphelson, Alfred Charles	D.C.	A.B. 1933, Brown University	D.C.
Rapp, Charles Henry	D.C.	Read, Jeanne Elinor	D.C.
Rappaport, Nathan David	D.C.	Read, Mary Sue	Va.
Raptus, M. Ted	Ohio	Reade, Alma Evelyn	
Rasbury, James Thomas	Okla.	B.S. 1941, Madison College	D.C.
Raskin, Herbert	N.Y.	Reagan, James Edwin	D.C.
B.S.S. 1937, College of the City of New York		Reams, Elinor Payne	
LL.B. 1940, New York University		A.B. 1935, Florida State College for Women	D.C.
Rasmussen, Elmer R.	N.D.	Reardon, Robert Eugene	Va.
E.E. 1943, North Dakota Agricul- tural College		Reasoner, Carroll Dean	
Rasmussen, Wayne David	Md.	B.S.C. 1939, State University of Iowa	D.C.
A.B. 1937, Montana State University		Reback, William	Pa.
A.M. 1939, The George Washington University		Rebert, Albert Francis	Pa.
Rassin, Selma Jean	D.C.	Rebert, Richard Ross	
Rassin, Sidney	D.C.	A.B. 1941, The George Washington University	D.C.
Rast, Carolyn Frankum	D.C.	Rebrovich, Matt Nick	D.C.
B.S. 1940, A.M. 1944, The George Washington University		Rector, James Ronald	Va.
Rast, Lois Lorraine	D.C.	Redden, Miller Stuart, Jr.	Md.
Rates, Anne	Pa.	Reddle, Victor Leon	Mass.
Rathburn, Donald James	D.C.	Reddy, Thomas Francis	
Ratner, Cynthia Shirley	D.C.	B.S. 1942, Massachusetts State Teachers College	D.C.
Ratner, Max	D.C.	Redman, Louis Daniel, Jr.	D.C.
Rauch, Arthur S.	N.Y.	Redman, Robert Weston	Md.
Rauchschwalbe, Otto	Wis.	Redmond, Joseph Christopher	
A.B. 1938, University of Chicago		B.S. 1944, Tufts College	Tex.
M.S. 1940, University of Maryland		Redwine, Bennie Pruitt	Va.
Raum, Elliott Marvin	D.C.	Reece, Howard Clinton	Ind.
Raum, Lloyd Duerton	D.C.	Reece, Ruth S.	
Raum, Phyllis Miriam	D.C.	A.B. 1937, Indiana University	Va.
Rausch, Irene Marilyn	D.C.	Reed, Alfred Engvald	Va.
Rausch, Jimmy Louis	Minn.	Reed, Allen Bevins	Ind.
Rausch, Mildred Jean	Ind.	Reed, Betty Lou	Va.
B.S. 1943, State Teachers College, Bemidji, Minn.	Minn.	Reed, Edward Dennis	
Rauth, Ralph	Va.	A.B. 1933, The George Washington University	D.C.
Raver, Arthur Cornelia	D.C.	Reed, Herbert Jackson	D.C.
Rawl, Elizabeth Lane	S.C.	Reed, James William	Tex.
A.B. 1942, Winthrop College		Reed, Joyce Leslie	
Rawlings, Joseph Edwin, Jr.	D.C.	A.B. 1940, College of Mines and Metallurgy, El Paso	Va.
Rawlings, Maurice Scaggs	Md.	Reed, John Joseph	D.C.
A.B. 1944, The George Washington University		Reed, Laurie Tully	Va.
Rawlinson, William Charles, Jr.	Va.	Reed, Max William	Md.
Ray, Christopher James	D.C.	Reed, Mildred Howard	D.C.
Ray, Donald Page	Colo.	Reed, Stella Swingle	W.Va.
A.B. 1941, University of Colorado		Reed, William Baldwin	Va.
Ray, Henry Burton	Ga.	Reed, William Tyndall	D.C.
Ray, Lawrence Victor, Jr.	Va.	Reeder, George Lockwood	Fla.
Ray, Patricia Jane	D.C.	Reeder, Julia Ann Pepper	W.Va.
Rayack, Elton	N.Y.	Reeder, Ronald Ronson	
Raych, Lee	Mass.	A.B. 1940, Shepherd State College	Minn.
Raymond, Barbara June	Conn.	Reep, Paul Sevald	Va.
Raymond, Edward Ashwell		Rees, Elias Davis	D.C.
A.B. 1936, Yale University		Rees, William Carl	Va.
Raymond, John	D.C.	Rees, William Jackson	Pa.
Raymond, Mary Jane	D.C.	Reese, Bartonhue Warn	
B.S. 1945, College of William and Mary		A.B. 1942, American University	Va.
Raymond, Mary Jane	D.C.	Reese, Robert Malcolm	
LL.B. 1920, A.B. 1935, The George Washington University		B.S. 1944, University of Virginia	Pa.
Raymont, Ruby Jean	Mich.	Reese, Vivian Jean	
Rayner, Jeannette Mary	D.C.	B.S. 1940, University of Pittsburgh	Md.
Razum, Charles Thomas	Ohio	Reeside, John B. III	N.Y.
Rea, Kathryn Minerva	Md.	Reeve, Layton Wheeler	Va.
Rea, Martha Moulton	Md.	Reeve, Russell E.	N.Y.
Rea, Page	D.C.	Reeves, John Laurence	Ores.
		Reeves, Kenneth George	
		B.B.A. 1939, University of Oregon	Va.
		Reeves, Richard Lewis	

Regan, James Andrew	Mass.	Retzlaff, Bernice Ruth	Nebr.
Reggia, Frank	D.C.	B.S., 1945, University of Nebraska	
Regnier, Celio	D.C.	Reuning, Jeannette	N.Y.
Reichard, Charlotte	D.C.	Rexroth, Clarence Dewey, Jr.	Pa.
Reichers, Mary	Va.	Reyes, Paul Gregorio	Mexico
Reichow, Estelle Vernon	D.C.	B.S., 1946, Georgetown University	D.C.
Reichwein, Terrence Joseph	Pa.	Reynolds, Elizabeth Haynes	D.C.
Reid, Alexander Blann	D.C.	Reynolds, Floyd Willmont	D.C.
Reid, Alfred	D.C.	Reynolds, Frank Albert	N.Y.
Reid, David Edward	Va.	Reynolds, Gary Stewart	Tenn.
Reid, Frank, Jr.	Mass.	Reynolds, James Richard Zinck	
Reid, George Bernard	D.C.	B.S., 1931, United States Naval Academy	
Reid, James S.	D.C.	M.S., 1946, Massachusetts Institute of Technology	Va.
A.B., 1937, Cornell University		Reynolds, Jay Frederick	D.C.
Reid, Joseph Bernard	D.C.	Reynolds, Joseph Michael	D.C.
Reid, Judith Anne	Md.	Reynolds, Margaret Mary	Va.
Reid, Roberta Jean	Va.	Reynolds, Robert Theodore	Ill.
A.B., 1946, Guilford College		Reynolds, Victor T.	Va.
Reid, Stella M.	N.C.	Reynolds, William Nevine	Pa.
Reidelbach, John Albert, Jr.	Va.	Rizler, John Edward	N.Y.
Reidy, John Cornelius, Jr.	D.C.	Rhame, Harold E.	
Reidy, John Joseph, Jr.	Mass.	A.B., 1946, Princeton University	D.C.
A.B., 1938, Harvard University		Rhett, Marjory Maury	D.C.
Reiffin, Martin Gardner	N.Y.	Rhett, Robert Goodwin	Ohio
B.M.E., 1945, College of the City of New York		Rheubans, Sidney	Pa.
Reifman, Alfred	N.J.	Rhine, Mary Elizabeth	D.C.
A.B., 1940, A.M., 1941, University of Michigan		Rhodes, Aileen Marie	Va.
Reilly, Daniel G.	Pa.	Rhodes, Lee McHenry	
Reilly, Donald William	D.C.	A.B., 1941, The George Washington University	D.C.
Reilly, George K. G.	Wash.	Rhodes, George Presley	D.C.
Reilly, James Basil	Pa.	Rhodes, Marjorie Tree	D.C.
Reilly, Hilary Ray	D.C.	Rimmer, Glen Ivan	D.C.
Reily, Rosemary	D.C.	Rhyne, Bruce Wilson	Va.
Reiman, Iris Marjorie	D.C.	Rhynsbarger, Robert Whitman	Tex.
Rein, Bernard N.	N.Y.	Ribble, Ralph Jackson	N.H.
B.S., 1946, College of the City of New York		Rice, Arthur Hopkins	
Reinecker, Howard Keith	D.C.	A.B., 1937, Harvard University	Va.
Reines, Donald Francis	D.C.	Rice, Blaine S.	D.C.
Reines, William	N.J.	Rice, Carol Lynn	Va.
A.B., 1933, Rutgers University		Rice, Carolyn Louise	W.Va.
Reinhardt, Rosemarie Anne	N.Y.	Rice, Eugene Worthington	
A.B., 1944, Queens College		B.S., 1942, West Virginia University	Va.
Reinhardt, Ruth Anna	N.J.	Rice, Gertrude Bruce	Va.
Reisch, James Reginald	N.Y.	Rice, James Emmor	
Reiser, Emanuel	D.C.	A.B., 1939, The George Washington University	Md.
A.B., 1934, Brooklyn College		Rice, Joan Huntington	Vt.
A.M., 1935, Columbia University		Rice, John Lalor	Va.
Reiser, Raymond Anton	D.C.	Rice, Millard Berger, Jr.	D.C.
Reish, Richard Lionel	D.C.	Rice, Peter Paul	
Reising, Albert John	Va.	B.S., 1948, State Teachers College, Mansfield, Pa.	D.C.
Reiss, Robert Stewart	Va.	Rice, Ray Howard, Jr.	D.C.
Reister, Frank Albert	D.C.	Rice, Rip George	Md.
Reitman, Seymour George	N.J.	Rice, Wade Hampton	
Reiver, Miriam	D.C.	B.S., 1921, North Carolina State Teachers College	Va.
Relf, James Matthew	D.C.	Rich, Donald Jenkins	D.C.
A.B., 1941, College of Wooster		Richard, Donald Vincent	D.C.
Remaley, Charles Bertella	Md.	Rich, Edith Mynette	
Rembert, Samuel Harley, Jr.	Va.	A.B., 1932, Trinity College	
Remborg, Bertil	Sweden	M.S., 1936, St. Louis University	D.C.
Rendler, Norbert Joseph	Wash.	Rich, Edwin H.	D.C.
Renfro, Robert Ames	Va.	Rich, Irene Silverman	
Rengel, Richard	D.C.	B.S., 1940, Wilson Teachers College	N.C.
B.E.E., 1946, University of Minnesota		Rich, Ruth Genelia	
Renshaw, Emma D.	D.C.	A.B., 1934, Lenoir-Rhyne College	
Repak, Peter	D.C.	A.M., 1937, University of Southern California	Pa.
Reque, Robert Russell	D.C.	Richard, Charles Alfred	
Resnick, Esther	D.C.		
Resnick, LeRoy David	Ill.		
Resnick, Sol	D.C.		

Richard, Lorraine Mary	Md.	Riggs, Laura Mae	Md.
Richard, Varina Claire	D.C.	Rightor, June Drummond	N.J.
Richards, Adela Alice	D.C.	A.B. 1944, University of Maryland	D.C.
Richards, Cecil Ludwig	D.C.	Rightus, Laurina Cecelia	Tenn.
Richards, Franklin Dewey	Md.	Riley, Adah Frances	D.C.
Richards, Howard Earl	Va.	Riley, Frank Hill	D.C.
A.B. 1936, Fresno State College		Riley, George Benson	Mass.
Richards, James Carlin	Va.	Riley, Gerald Francis	Mont.
Richards, James Vine	Pa.	Riley, Jeremiah Thomas	D.C.
Richards, Julian Imbrie, Jr.	Md.	Riley, John Edwin	D.C.
Richards, Suzanne Virginia	D.C.	Riley, Lewis Alfred, Jr.	Md.
Richards, Virginia Ann	D.C.	Riley, Vernon Todd	D.C.
Richardson, Alvin Franklin	Miss.	Riley, William E.	Pa.
B.S. 1931, United States Naval Academy		Rinaldi, Eugene	Va.
Richardson, Betty Jo	D.C.	Riner, William Carter	Md.
Richardson, Dorothy Marie	Va.	Ring, Mary Margaret	D.C.
Richardson, Eva Margaret	D.C.	Ringer, Barbara Alice	
Richardson, George William	D.C.	A.B. 1945, The George Washington University	N.Y.
B.S. 1941, The George Washington University		Ringer, Eli	D.C.
Richardson, Guy Dawson	Tenn.	Ringer, Max	Va.
Richardson, Henry A.	Va.	Ringwalt, Anne Una	
Richardson, Howard Robertson	Va.	A.B. 1946, The George Washington University	Va.
A.B. 1927, Elon College		Ringwalt, Louise	Va.
A.M. 1932, William and Mary College		Rinker, Grace Mahon	Va.
Richardson, John Lloyd	Tex.	A.B. 1932, Ohio State University	N.Y.
Richardson, Julian Leigh	D.C.	Rison, John Louis	
Richardson, Kathleen Meredith	Va.	Risetto, Alfred	D.C.
Richardson, Lowell Guy	Wis.	A.B. 1939, Brooklyn College	D.C.
A.B. 1941, University of Wisconsin		Ritchey, Bruce Bouer	
Richardson, Mabel Campbell	Mass.	Ritchey, Lloyd B.	
A.B. 1942, Bryn Mawr College		B.S. in M.E. 1936, Purdue University	Va.
Richardson, Patricia	Va.	M.S. in Eng. 1941, University of Illinois	
Richardson, Robert Barto	D.C.	Ritchie, John Milton	Utah
Richardson, Paul Bryant	D.C.	B.S. 1931, Temple University	
Richardson, Samuel Churchwell	Ala.	Ritchie, Ruth Sara	N.J.
Richardson, Walter John	Conn.	Rittenhouse, Edward Vernon	Ill.
Richie, Leonard Dewey	Tenn.	Ritter, Julius Charles	D.C.
Richman, Ronald	N.Y.	Ritts, Roy Elliot	Md.
Richmond, Lionel	Va.	Ritz, Melvin	D.C.
Richmond, Louis	N.Y.	Ritzenberg, Madeleine Snowden	
Richmond, Susan Virginia	D.C.	B.S. in P.E. 1940, Woman's College of the University of North Carolina	N.Y.
A.B. 1917, Randolph-Macon Woman's College		Rivas, Dorothy Marie	P.R.
Richter, Richard Martin	D.C.	Rivera, Emilio	D.C.
Richwine, Francis Kost	Pa.	Rivers, Sara Blanche	Va.
B.S. 1941, Pennsylvania State College		Rixey, Thomas Dyer	Va.
Richards, Herbert Betz	Mich.	Rixse, George Edward	Va.
Ricker, Vince Tennant	D.C.	Rixse, John Albert	D.C.
Rickerson, Fred Wilson	Md.	Rixse, Spencer Benjamin	N.C.
Ricketts, Noble George	D.C.	Rizer, Ralph Burke	
Rickey, Evelyn Mae	Va.	Rizk, Samuel George	
Rickey, Isabelle Mary	Tex.	B.S. 1945, University of Notre Dame	Pa.
Rickus, Henry	D.C.	Roach, Francis Joseph	Md.
Rickman, Wallace R.	D.C.	Roach, William Henry	Va.
Riddick, William Marion, Jr.	Va.	Roadifer, Clarence Edward	N.Y.
Riddle, Warren Kemp	Mass.	Roadley, Charles Robert	D.C.
Ridge, Thomas Lee	Ill.	Roark, Mary Kathleen	N.Y.
B.S. 1928, University of Illinois		Roamer, James Mahan, Jr.	Pa.
Ridell, Clarence Hugh	Md.	Robasky, Joseph Jerome	D.C.
Ridgeway, Fenton Stanley, Jr.	D.C.	Robb, Charles Stuart	Colo.
Ridgeway, Jesse	D.C.	Robb, Eleanor Ann	Md.
Ridgeway, Robert Lee	D.C.	Robbins, Chandler Seymour	
Ridgway, Robert Vance	Ind.	A.B. 1940, Harvard University	La.
Rieber, William James	N.Y.	Robbins, Charles Earl	D.C.
Ries, Edward Myles, Jr.	Md.	Robbins, Edward Morris	N.Y.
Rietman, Harry Peter	Va.	Robbins, Jesse	Va.
Ringle, Dorothy	D.C.	Robbins, Robert Anthony	D.C.
Ringles, Lewis Hawse, Jr.	D.C.	Robbins, Walter Lewis	Va.
Risner, Patricia Coles	Cal.	Roberson, Elbert Belmont, Jr.	Md.
Ross, Annette M.	Fla.	Roberson, James Richardson	
Ross, Bradner Charles	N.J.	Roberts, Abda Livingston	

Roberts, Ann Harmon	Va.	Robinson, Mildred Barton	D.C.
Roberts, Austin Leonard, Jr.	N.Y.	Robinson, Nora Cleaver	W.Va.
A.B. 1941, College of William and Mary		Robinson, Peter Arthur Ian	Maine
Roberts, Charles Clay, Jr.	Va.	Robinson, Quentin Roosevelt	D.C.
A.B. 1941, University of Oklahoma		Robinson, Richard M.	Tex.
Roberts, Coleen Almeda	Ga.	A.B. 1941, College of Mines and Metallurgy, El Paso	
Roberts, David Bartlett	Va.	Robinson, Robert Alan	D.C.
Roberts, Fannie Estelle	D.C.	Robinson, Roberta June	D.C.
Roberts, Henry, Jr.	N.J.	Robinson, Russell Raymond	Pa.
Roberts, James Winfield, Jr.	Va.	Robinson, Ruth	Md.
Roberts, Janet Friday	D.C.	A.B. 1942, College of Wooster	
Roberts, Jennings Nicholas	W.Va.	Robinson, Ruth Adell	Idaho
A.B. 1939, Morris Harvey College		Robinson, Thomas Adams	D.C.
LL.B. 1943, LL.M. 1945, Georgetown University		Robinson, Thomas Benton	Mont.
Roberts, John Summerfield, Jr.	Va.	Robinson, Walter Scott	D.C.
B.S. 1941, University of Virginia		Robinson, Cloyd Samuel	Ill.
Roberts, Lincoln Edwin	D.C.	Robertscher, Jonas Bondi, Jr.	D.C.
Roberts, Margaret Frances	D.C.	A.B. 1942, Brown University	N.J.
Roberts, Mary Elizabeth	Va.	Roblee, Dana Bush	
Roberts, Natalie	D.C.	B.S. 1927, St. Bonaventure College and Seminary	
Roberts, Nathan Jay	Fla.	M.S. 1942, Albany State College	Ill.
A.B. 1926, Syracuse University		Robnett, Winton LaVerne	Wis.
J.D. 1929, University of Florida		Robuck, Stefan H.	
Roberts, Pauline	Ind.	A.B. 1918, University of Wisconsin	
Roberts, Richard Edwin	D.C.	A.M. 1941, Harvard University	Ill.
Roberts, Richard Mansfield	D.C.	Robuck, Selma	Tex.
Roberts, Sarah Elizabeth	Calif.	Rock, Elizabeth Bell	Nebr.
A.B. 1931, University of California at Los Angeles		Rock, Clifford T.	D.C.
B.S. in L.S. 1932, University of Washington		Rock, Dora Lorraine	Wash.
A.M. 1930, The George Washington University		Rock, Herman Henry	
Roberts, Stanley Theodore	N.Y.	B.S. 1942, State College of Washington	Pa.
Roberson, Albion L.	Md.	Rock, Irene Cecelia	N.Y.
B.S. 1938, Oklahoma Agricultural and Mechanical College		Rockowitz, Jerome Bernard	Va.
Roberson, Alvin Franklin	Ga.	Rockwell, Franklin Abraham	Pa.
Roberson, Anne Cise	Md.	Rockwell, Marion Arden	Oreg.
Roberson, Bedford Shelton	D.C.	Rockwood, William Peck	P.R.
Roberson, Charles Edwin, Jr.	D.C.	Rodas, G. Adela	
Roberson, Edmund H.	Md.	Roddy, John Alvah	Wis.
Roberson, Jack Luggett	D.C.	Rodenbeck, Frederick Ludwig, Jr.	
Roberson, Jack Rodney	Idaho	A.B. 1940, A.M. 1941, University of Nebraska	D.C.
Roberson, Jean Pauline	Iowa	Rodes, Milton M.	
B.S. 1940, State University of Iowa		B.B.A. 1941, College of the City of New York	Ariz.
Roberson, John A.	Calif.	Rodgers, Edward O.	
Roberson, Robert Earl	Tex.	B.S. 1944, University of Arizona	Pa.
Roberson, Robert James	Ill.	Rodgers, James Edwin	Pa.
Roberson, Robert Stanley	D.C.	Rodgers, Marjorie Virginia	D.C.
Roberson, Thomas Ramsey	D.C.	Rodgers, Philip Ray	
Robey, Richard Edward	D.C.	B.S. 1940, M.S. 1940, University of Utah	D.C.
Robicheau, Dorothy Cecelia	D.C.	Rodgers, Shirley Louise	S.C.
Robin, Eugene Debs	Md.	Rodgers, Walter Marly, Jr.	
Robins, James Edward	D.C.	B.S. 1937, Clemson Agricultural College	Md.
Robinson, Carl LeRoy	D.C.	Rodley, Elizabeth S.	Ill.
Robinson, Catherine Ann	D.C.	Robson, Rex Frank	Tex.
Robinson, Chandler Allen	Va.	Rodriguez, Betty	
A.B. 1941, Dartmouth College		A.B. 1942, University of Texas	N.Y.
Robinson, Earl Howard	D.C.	Rodriguez, Lewis Octavio	P.R.
Robinson, F. Loh Harnett	D.C.	Rodriguez, Luis Octavio	
B.B.A. 1942, University of Washington	Calif.	A.B. 1941, The George Washington University	N.Y.
Robison, Hugh Marston	Va.	Rodriguez, Orlando	N.Y.
B.S. 1948, United States Naval Academy		Rodriguez, Francis	Ind.
Robison, Louis	D.C.	Rodriguez, George Joseph	Md.
Robison, Marie Evelyn	Minn.	Rodriguez, George Joseph, Jr.	D.C.
Robison, Melvin Alexander	D.C.	Rodriguez, Lester Weisenfeld	Ore.
		Rodriguez, William Walter	D.C.
		Rodriguez, Charlotte David	

Rogers, Delmer Joseph	Mich.	Ross, Robert Vincent	D.C.
B.S. 1939, United States Military Academy		Root, Ann Jefferson	D.C.
Rogers, Drake E.	D.C.	Root, Blake Smith	Ill.
B.S. 1938, University of Minnesota		B.S. 1927, Monmouth College	N.Y.
Rogers, Elizabeth Carson	N.J.	A.M. 1931, University of Illinois	
Rogers, George Johnston	Calif.	Root, John Buttrick	Md.
Rogers, Helen Elizabeth	N.J.	A.B. 1943, Hamilton College	D.C.
Rogers, Henry Louis	Md.	Root, Philip Woolson, Jr.	Norway
A.B. 1939, Yale University		Ropar, Richard Samuel	Va.
Rogers, Jo Ann	D.C.	Rorholt, Bjorn Arnold	Md.
Rogers, John Calvin	Md.	Rorrer, Troy Doyle, Jr.	
Rogers, John Francis	Hawaii	Rosa, Lee Wathen	
A.B. 1941, Harvard University		A.B. 1934, Western Maryland College	D.C.
Rogers, Mabel Clark	Ga.	Rosakrans, Ruth Isabelle	D.C.
Rogers, Margaret Joan	Va.	Rosales, Mario Bustillo	D.C.
Rogers, Nancy Sibley	Md.	Rosch, Stanley	D.C.
A.B. 1944, Oberlin College		B.B.A. 1938, College of the City of New York	W.Va.
Rogers, Paul Grant	Fla.	Rose, Amil Edward	W.Va.
A.B. 1943, University of Florida		Rose, Charles Jules	
Rogers, Poole	La.	A.B. 1942, The George Washington University	D.C.
B.S. 1940, Louisiana State Normal College		Rose, David	D.C.
Rogers, Rachel Cauldwell	D.C.	Rose, Finley Gray	D.C.
Rogers, Richard Madison	D.C.	Rose, Harold DeFrehn	Va.
Rogers, Robert Thomas	D.C.	B.S. 1946, University of South Dakota	
Rogers, William Gene	Idaho	Rose, Jeanne	
Rogg, Nathaniel Hyman	Va.	A.B. 1933, College of William and Mary	Fla.
A.B. 1935, A.M. 1936, New York University		Rose, Leo	
Rogivue, Christine	D.C.	A.B. LL.B. 1939, University of Florida	D.C.
Rohmann, William Otto, Jr.	Va.	Rose, Malcolm Sebring	N.J.
Rohn, Robert	Calif.	Rose, Stanley Lincoln	Md.
A.B. 1945, Fresno State College		Rose, William George, Jr.	Va.
Rohrbaugh, Phyllis Josephine	Pa.	Rosen, Jack Leopold	D.C.
Rohrs, Beverly Ann	Md.	Rosen, Lawrence	D.C.
Roland, Charles Pierce	Tenn.	Rosen, Sam	N.Y.
A.B. 1948, Vanderbilt University		Rosenberg, Burt David	D.C.
Roll, Phyllis Laumne	Ohio	Rosenberg, Morris	D.C.
A.B. 1946, Miami University		Rosenberg, Phyllis Ann	D.C.
Rollins, Alma Frances	D.C.	Rosenberg, Richard Merhl	N.Y.
B.S. 1945, Wilson Teachers College		Rosenberg, Seymour Morton	
Rollins, Robert Vincent	D.C.	B.S. in E.E. 1949, College of the City of New York	N.Y.
Rolph, John Fletcher	Md.	Rosenberg, Walter Saul	D.C.
Romack, William Henry, Jr.	D.C.	Rosenblatt, Donald Allen	D.C.
Roman, James Alvin	D.C.	Rosenblatt, Harry Myer	N.Y.
Romano, Olive	D.C.	Rosenblatt, Sarah E.	Pa.
Romanoff, Julius Samuel	N.Y.	Rosenblatt, Shirley Natalie	D.C.
A.B. 1943, Brooklyn College		Rosenblatt, William Allen	Tenn.
Romanow, Louis Jay	D.C.	Rosenbloom, Philip	D.C.
Romansky, George Joseph	Pa.	Rosenblum, Stephen Clyde	Ind.
Rome, Janice Lorraine	D.C.	Rosenbury, John Barker	
Rome, Norma Ellen	D.C.	B.S. 1942, Purdue University	D.C.
Rome, William Alfred	D.C.	Rosendorf, Harvey	D.C.
Romer, Abraham Russell	N.Y.	Rosenfeld, Arthur Heinz	Ga.
B.S. 1940, College of the City of New York		Rosenfeld, Max	
Romero, Theodore Robert	D.C.	B.S. 1940, Wilson Teachers College	D.C.
Romm, Eugene	D.C.	Rosenshine, Ann	D.C.
Rommel, John Marshall	D.C.	Rosenthal, Alan Henry	D.C.
Rommel, Wilfred H.	D.C.	Rosenthal, Alvin Donald	D.C.
B.S. 1947, North Dakota State Teachers College		Rosenthal, David	
Romett, Joseph Henry	Pa.	A.B. 1941, University of Akron	D.C.
Ronningen, Otto Vik	Iowa	Rosenthal, Gerald Franklin	Md.
A.B. 1946, St. Olaf College		Rosenthal, Harold	D.C.
Rood, Melville Halstead	Mass.	Rosenthal, Jack	D.C.
Roof, Michael Kitching	Md.	Rosenthal, Julius Herman	D.C.
Roek, Doris Mae	Md.	Rosenthal, Lorayne Cleopat	D.C.
Roek, Joseph Samuel	D.C.	Rosenthal, Melvin Stanley	D.C.
B.S. 1941, Pennsylvania State Teachers College, Shippensburg, Pa.		Rosette, Robert Leo	Md.
Roosevelt, Diana	Mich.	Rosewag, Nicholas Raymond, Jr.	D.C.
		Rosinski, Donald Carl	

Ross, Bob	D.C.	Rovner, Louise Miriam	D.C.
Ross, Calvin Sylvester	D.C.	B.S. 1934, New Jersey College for Women	
Ross, Daniel Michael	Pa.	Rovner, Philip	D.C.
A.B. 1946, The George Washington University		Rawalt, Ethel Robinson	Md.
Ross, Helen Elizabeth	D.C.	B.S. 1926, University of New Hampshire	N.Y.
Ross, Henry Stephen	D.C.	Rowan, Eugene Francis	
Ross, Jack Wylie	Calif.	B.S. 1945, University of Virginia	D.C.
Ross, Joseph Hunter	Md.	Rowcliff, Joan Leutze	Ind.
Ross, Kermit Finis	Mo.	Rowe, Arthur Wayne	Va.
LL.B. 1941, Georgetown University		Rowe, Everett Lee	
Ross, Marvin Stanley	D.C.	B.S. 1930, Western Kentucky State Teachers College	Md.
Ross, Mary Elizabeth	Md.	Rowe, Joan	
Ross, Morwick	Va.	B.S. 1944, University of Maryland	Ohio
B.S. 1939, Northeastern University		Rowe, Mary Edna	
Ross, Ronald McKenzie	D.C.	A.B. 1943, University of Akron	D.C.
Ross, Ruth	N.J.	Rowe, Willis Case	Maine
Ross, Sandra Rene	D.C.	Rowell, Leroy Arthur	Va.
Rosse, Robert Morton Meyer	D.C.	Rowell, Robert Glenn	Md.
Russell, Eugenia Lee	Va.	Rowland, Joyce Yvonne	Va.
Rossi, Carlos Manuel	D.C.	Rowland, William Ross	Va.
Rossi, Henry	R.I.	Rowny, Edward Leon	
Rossi, Oscar Louis	Conn.	B.S. 1941, United States Military Academy	D.C.
B.S. 1938 University of New Hampshire		Roxon, Daniel	
Rossin, Barbara Ruth	D.C.	A.B. 1940, Brooklyn College	D.C.
Rossin, Helen Hurton	N.C.	Roy, Leonard Cornell	W.Va.
Rovella, Mary Rosalee		Roy, Miriam Ellen	D.C.
A.B. 1945, Meredith College		Royce, Margaret Fisher	Md.
Roth, Carl Edwin	D.C.	Roylance, Donald Carvar	Md.
B.S. in R.E. 1942, Indiana Technical College		Rozamus, Michael Joseph	
Roth, Madeline Armbrust	Va.	B.S. 1937, University of New Hampshire	D.C.
Rothbard, Eleanor	N.Y.	Rozansky, Beverly Ruth	Va.
Rothberg, Samuel B.	D.C.	Rozelle, Frederick Russell	D.C.
Roth, Bertha Margarethe	D.C.	Rozark, James Clay	D.C.
A.B. 1944, A.M. 1945, B.S. in L.S. 1946, Syracuse University		Ruben, Louis Leonard	Ill.
Rothberg, Donald	D.C.	Ruben, Maurice	
Rothberg, Harold Ivan	D.C.	B.S. 1937, Northwestern University	
Rothberg, Melvin Morris	D.C.	U.B. 1940, National University	N.Y.
Rothberg, Morris	N.Y.	Rubens, George Jack	
A.B. 1941, Cornell University		B.S. in M.E. 1948, Illinois Institute of Technology	
Rother, Eleanor Chiam	D.C.	J.D. 1942, The George Washington University	
Rothgeb, Georgia Winfield	Md.	Rubenstein, Albert Marvin	N.Y.
Rothgeb, John Martin	Va.	A.B. 1939, Brooklyn College	Va.
Rothman, Leonard Julian	N.Y.	Rubenstein, Eleanor T.	D.C.
Rothman, Sam	N.Y.	Rubenstein, Herman	D.C.
Rothrook, Hamilton Irving	Va.	Rubenstein, Nathan	Oreg.
Rothstein, Bette Miriam	D.C.	Rubenstein, Norman Hartley	D.C.
Rothstein, Nathaniel	Md.	Rubenstein, Samuel David	
Rothstein, Ralph Burton	D.C.	A.B. 1941, The George Washington University	
Rothwell, George James	N.Y.	Rubenstein, Sanford	N.Y.
B.S. 1941, Cornell University		Rubin, Joel	D.C.
Rothwell, Naomi Doniger	N.Y.	B.S. 1941, College of the City of New York	
B.S. 1939, Cornell University		Rubin, Julius William	Md.
Rottenberg, Jacob Bear	R.I.	Rubin, Marvin	D.C.
A.B. 1942, The George Washington University		Rubin, Samuel Benjamin	D.C.
Rottenberg, Seymour Abner	N.J.	Rubin, Seldon Lawrence	Pa.
Rotto, Roslyn Edith	D.C.	Rubin, Sherwin	D.C.
Rotz, Carl Frederick	D.C.	Rubin, Shirley Marilyn	D.C.
Roubideaux, Ramon Arthur	D.C.	Rubinstein, Biena	Md.
Roudebush, Jean Whitlock	Nebr.	Rubinstein, Irvin	Mass.
Roughton, Marguerite Zimmerman	Va.	Ruboy, Jordan Sumner	N.Y.
Rouillard, Ruth Kadel	Va.	Rubsam, Marie Helen	Calif.
Roumel, Theodore C.	D.C.	Ruch, Delbert DeVilla	Md.
A.B. 1945, The George Washington University		Rucker, Byron	
Rounds, Arthur Bower	D.C.	A.B. 1935, Howard Payne College	Md.
Rountree, Betty Jane	Va.	Ruddell, Noel Craig	
Rountree, Russell Snyder, Jr.	D.C.	A.B. 1917, Indiana University	
Rousar, Edward Everett	D.C.		

Ruddy, Anne Clare	D.C.	Russin, George	D.C.
B.S. 1936, Maryland College		Russler, William	N.Y.
Ruditz, David	N.Y.	B.S. 1942, College of the City of New York	Mass.
Rustnick, Julia J.	Va.		
Rue, Gloria Hope	D.C.	Russo, Frank Nicholas	D.C.
Ruhling, Linus Frederick	Wis.	B.S. 1930, Boston University	D.C.
Ruffner, Clarence David	D.C.	Russo, Mary Orton	D.C.
Ruffner, Ralph Windsor	D.C.	Russo, Vito Lochirco	
A.B. 1935, University of Maryland		M.S. 1926, University of Michigan	D.C.
A.M. 1940, The George Washington University		Rust, L. Rosalie	D.C.
Ruffner, Richard Laidley, Jr.	D.C.	Ruth, Joseph Young	Va.
Ruhl, Charles George	D.C.	Rutherfordale, John Wiley, Jr.	N.Y.
Ruiz, Elizabeth	D.C.	Rutherford, George Little, Jr.	
Ruiz-Sanchez, Ramon	Chile	A.B. 1935, Hamilton College	Va.
A.B. 1945, University of Puerto Rico		Rutherford, Palmer St. Clair	
Rukavina, Mary Magdalene	Pa.	B.S. 1926, Roanoke College	D.C.
Rule, Frank Glenn	D.C.	Rutland, Herbert Ross, Jr.	D.C.
Ruley, Paul Eward	D.C.	Rutledge, John	Va.
Rumbough, William Samuel	Va.	Rutledge, Robert Clinton	
B.S. in E.E. 1927, A.M. in Ed. 1946, The George Washington University		A.B. 1940, University of Virginia	D.C.
Rumley, Lucy Johnston	N.C.	Rutley, Margaret Jane	Ala.
Rumrill, Lewis Edgar	Vt.	Ryals, Carthy Rowway, Jr.	Ga.
Rundle, Maude Pearl	N.Y.	Ryan, Charles Patrick	D.C.
Rundle, William Gustave	D.C.	Ryan, Edward Francis	R.I.
Runkel, Carl Eastmann	Md.	Ryan, Edward Thomas, Jr.	D.C.
Runkle, Denton William	Va.	Ryan, Eugenia P.	
Runkle, George William, Jr.	Va.	A.B. 1945, University of North Carolina	N.Y.
Runnels, Joseph Brent	D.C.	Ryan, Joan Lorey	D.C.
Rupert, Mary Martha	Ga.	Ryan, John Joseph	N.Y.
Rupert, Norma Morgan	Ga.	Ryan, John Wynne	
Ruppert, Rose Mary	D.C.	A.B. 1942, Dartmouth College	Md.
A.B. 1941, Dunbarton College of the Holy Cross		Ryan, Joseph Neil	Va.
Rushing, David Edward	Md.	Ryan, Katherine Ann	Iowa
B.S. 1935, M.S. 1938, University of Alabama		Ryan, Margaret Louise	Md.
Rusk, Elaine Tenny	Md.	Ryan, Mary Dolores	
A.B. 1938, American University		Ryan, Michael Joseph	
Russ, Robert Barrett	D.C.	B.S. in Ed. 1938, Pennsylvania State Teachers College	Mass.
A.B. 1940, University of North Carolina		Ryan, William Edward	
Russell, DeKalb, Jr.	Va.	B.S. in E.E. 1943, University of Michigan	D.C.
A.B. 1941, University of Virginia		Ryce, Eleanor Kaye	Va.
Russell, Fielding Dillard	Ga.	Ryder, Oliver Allison	Va.
A.B. 1920, A.M. 1930, University of Georgia		Ryder, Oscar Potts	N.Y.
Russell, Gerald Bernard	Va.	Rverson, Martin George	(D.C.)
B.S. 1915, Lebanon Valley College		Rubal, Rita Irene	Ind.
M.S. 1918, University of Pennsylvania		Rumer, Thomas Arrington	
Russell, Harold F.	N.Y.	Rymerson, Wendell Price	
B.S. 1940, St. Lawrence University		A.B. 1920, Delaware University	Va.
Russell, Helen Louise	D.C.	L.L.B. 1929, Indiana University	
Russell, James Miller	D.C.	Rynex, Charles Drury, Jr.	
Russell, James Ward	Mass.		S
Russell, John Blair	Va.	Saalfrank, Joy Catherine	D.C.
Russell, Joseph Grayson, Jr.	D.C.	Saba, Michael	Pa.
Russell, Lewis Wesley	Ky.	Sabatino, James S.	N.Y.
Russell, Mildred	Va.	Sabin, Horton Bryant	N.Y.
A.B. 1941, College of William and Mary		B.S. 1942, Cornell University	D.C.
Russell, Patrick Edward	Minn.	Sabine, Edward Bliss	D.C.
Russell, Sidney Wenzel	Va.	Sabine, William, Jr.	Pa.
A.B. 1915, Catholic University of America		Sabo, Anne	D.C.
L.L.B. 1948, Harvard University		Sacardi, Clarence Richard	D.C.
Russell, Stanton Best	D.C.	Sachs, R. H. Victor	Mich.
Russell, Stuart Hamilton	D.C.	Sachs, R. Bert Donald	Pa.
Russell, Thomas Solon	Va.	Sackman, Robert	D.C.
B.S. 1914, Wake Forest College		Sacks, Walter Francis	D.C.
Russell, William Augustine, Jr.	D.C.	Sacks, Jacob Milton	D.C.
Russell, William Fred	Iowa	Sacks, Paul David	Ky.
		Sacia, Wilbur Wilson, Jr.	
		A.B. 1934, Murray State Teachers College	

Sador, Hillard Erwin	Md.	Sandin, Robert Bertil	Va.
Sador, Marvin Phillip	D.C.	Sandison, Forte Holliday	Md.
Saegmuller, Barbara Ann	Va.	A.B. 1933, Northwest Missouri State Teachers College	N.Y.
A.B. 1945, The George Washington University		Sandlund, John Torsten	D.C.
Safer, John Herzmark	D.C.	Sandmeyer, Melvin Wesley, Jr.	D.C.
Sagendorf, Jack Bextolette	Va.	Sands, Arthur Gorton	D.C.
Sager, John Harmer	D.C.	Sands, John Edward	Va.
Sahm, Alan Ivan	D.C.	Sandt, Anna Blecker	D.C.
St. Clair, Lloyd Dale	Md.	Sandusky, Bernard Mortimer	N.Y.
St. Clair, Mary Dorothy	Md.	Sanford, Edith Smith	Va.
St. John, Nicholas E.	Conn.	A.B. 1945, Virginia State Teachers College	D.C.
Ph.B. 1941, Yale University		Sanford, John Edward	Philippines
J.D. 1935, New York University	Conn.	Sanidad, Mavis Claire	D.C.
St. Once, George Henry	Ala.	Sansalone, Golfredo Dominic	Maine
St. Thomas, Dorothy Laird	D.C.	Sansoucy, Robert Louis	D.C.
Sakofsky, Harry	Calif.	Santaella, Manuel Antonio	D.C.
Sakamoto, Thomas Tokio	D.C.	Santamaria, Lola	D.C.
Saks, Margery Ney	D.C.	Santell, Magdalene R.	D.C.
Sale, Robert Dennis	D.C.	Saperstein, Jean Marjorie	D.C.
Salgado, Aurea Estela	D.C.	A.B. 1946, University of Richmond	D.C.
Salgren, Helen Jeanette	Iowa	Sapin, Gertrude	D.C.
Sallas, Gustav Adolph	D.C.	Sapourn, Paul Jack	Ind.
Salmon, Albert James	N.Y.	Sappenfield, Keith Mynes	Md.
Salmon, Ralph Franklin	Pa.	Sapperstein, Lawrence Allen	Va.
Salomon, Barbara Irene	D.C.	Sara, Joyce Ann	Va.
A.B. 1946, University of Chicago	Mass.	Sargent, Clarence J.	
Saltman, Samuel	N.Y.	A.B. 1937, Northern Michigan College of Education	Calif.
A.B. 1930, LL.B. 1933, Yale University	Pa.	Sargent, James Allen	D.C.
Saltry, Edwin Arthur		Sargent, Lucius Lyman	D.C.
Saltzer, Jay Blaine		Sarich, John Thomas	D.C.
B.S. 1937, State Teachers College, Bloomsburg, Pa.	D.C.	Sariego, Audie	Pa.
Salos, Shirley Jeannette		Sarner, Ellen Virginia	D.C.
A.B. 1945, Pennsylvania State College	D.C.	S.B. 1940, University of Pennsylvania	Md.
Salos, Sydney Gordon		Saroff, Carl	
A.B. 1941, The George Washington University	Wis.	Sarratt, Claude Henry	S.C.
Saltzein, Robert Adolph	Va.	A.B. 1943, The George Washington University	Colo.
A.B. 1944, University of Michigan	D.C.	Sartor, John Douglas	
Salvaggio, Maria Elizabeth	N.Y.	Sartorius, Lester Clayton	B.B.A. 1941, University of Minnesota
Salvati, Severio Ralph	D.C.	Sartorius, Mynerva Champion	Minn.
Salzberg, Calvin David	Md.	A.B. 1938, Yankton College	Va.
Salzberg, Irma Lucetta	Md.	Sather, Audrey Mae	
Salzberg, Samuel Sol	Md.	B.S. 1935, Mary Washington College	Mich.
Salzman, Edith	Va.	Saska, Stanley Derby	Mich.
Salzman, Max Herbert	D.C.	Sather, Row Oscar	
Samaha, Leslie Halim	Pa.	B.S. 1940, Wayne University	D.C.
Samber, Julia Ann	Md.	Sauber, Adolph Frank	D.C.
Samuels, Bertram Richard	Utah	Sauber, John Joseph	D.C.
Sanborn, Henry Norris	Md.	Sauer, George Estel	Ga.
Sanborn, Joseph Gilpin Young	N.M.	Saals, John Clayton	D.C.
Sanborn, Thornton Ulises	Pa.	Saals, Norval Edward	D.C.
Sanchez, Ben P.	P.R.	Saunders, Charles Turner	D.C.
Sanchez, Burdette Boardman		Saunders, Donald Houd	D.C.
Sanchez, Luis F.	Md.	Saunders, George Everett	D.C.
B.S. 1941, University of Puerto Rico	Ind.	Saunders, Helen Smith	D.C.
Sard, Mary Elizabeth	Md.	Saunders, Marie Caroline	D.C.
Sardis, Doris C.	N.C.	Saunders, Richard Monroe	D.C.
Sardis, Elizabeth Grace	Va.	Savage, Charles Carey	N.H.
Sardis, Frank Powell	Pa.	Savage, Elizabeth	D.C.
Sardis, George Patrick	Fla.	Savage, Julian	N.I.
Sardis, John Albert	D.C.	Savage, Walter Benedict	Md.
Sardis, Laura Adlene	Ind.	Savage, William Alvin	
Sardis, Lee Steele		A.B. 1939, Stanford University	D.C.
Sardis, Lowell Lawrence		Savarese, Charles Joseph, Jr.	
B.S. 1940, Indiana University	Va.	A.B. 1941, University of North Carolina	D.C.
Sardis, Marion Murphy	N.Y.	Savary, George Alexander	Conn.
Sardis, Philip	D.C.	Savelli, Joseph	D.C.
Sardis, William Gerard	Ohio	Saville, Donald Evern	
Sanderson, Robert Bruce			
A.B. 1937, University of Akron			
Sanderson, Sue Elizabeth			

Saville, John William	D.C.	Scherr, Robert Arthur	Wis.
Sawyer, Frank Grant	Nev.	A.B. 1942, University of Wisconsin	D.C.
A.B. 1941, University of Nevada	D.C.	Scherr, Stanley Joseph	D.C.
Sawyer, Hilton Earl	N.Y.	Schibley, Raymond Dowell	Pa.
Sayers, William Walter	D.C.	Schick, Jean Lightfoot	D.C.
Saylor, James Burnon	D.C.	Schiefelbein, Robert Louis	Wash.
Sayre, Albert Gerald	Va.	Schierman, Albert Howard	D.C.
A.B. 1923, Milton College	N.Y.	Schiess, Henry	Md.
Scaffidi, Alfred	D.C.	Schiff, Harriet	Md.
Scanlan, Alfred Joseph	Md.	Schiffman, Gilbert Bernard	N.Y.
A.B. 1941, Columbia University	D.C.	Schifter, William	D.C.
Scanlan, Thomas Russel	D.C.	Schilling, Edward Lewis	D.C.
Scanlon, Anabel Mary	Ill.	Schkolnick, Herman	Idaho
A.B. 1941, DePaul University	D.C.	Schlader, Louise Margaret	Va.
Scanlon, June Patricia	Missa.	B.S. 1941, University of Idaho	N.Y.
Scanlon, Mary Patricia	Va.	Schlaifateyn, Rachmill	
Scarborough, James K.	Va.	Schlansker, Howard Irving	
Scarborough, Calvin Eugene	Calif.	B.S. 1918, Massachusetts Institute of Technology	D.C.
Scariot, Angelo John	Va.	Schlappi, Walter Leland	Md.
Scatolini, Albert George	Va.	Schlee, John Stevens	N.Y.
Schaafl, Raymond Henderson	D.C.	Schlesinger, Daniel	D.C.
Schack, Saul	R.I.	Schlessinger, Jean	D.C.
Schaeffler, George Alden	Va.	Schlossenbero, Shirley	Guatemala
Schaefer, Sina Carolina	D.C.	Schlosser, C. Jose	D.C.
Schaefer, William Edward		Schlosser, Henry Curwen	
B.S. 1940, Georgetown University	D.C.	B.S. in Ed. 1942, State Teachers College, West Chester, Pa.	Ohio
Schafer, Frederick		Schlup, Dean Edward	D.C.
B.S. 1925, The George Washington University	D.C.	Schlup, Lester Alexander, Jr.	Va.
LL.B. 1928, Georgetown University	Kans.	Schlytter, Anne Lise	Wis.
Schafer, Isabel H.	N.Y.	Schmedel, William Carl	Conn.
Schafer, Joseph Robert	N.Y.	Schmid, Alice Sheehan	D.C.
Schaffert, Justin Clark	N.Y.	A.B. 1943, St. Joseph College	
Schaler, Otto Gerhard J.	Ariz.	Schmid, Erwin	Pa.
Scham, Milton	D.C.	B.S. 1934, Haverford College	
B.S. 1943, College of the City of New York	D.C.	Schmid, John George, Jr.	Pa.
Schaper, Lillie Wilhelmina	D.C.	B.S. 1937, Gettysburg College	Pa.
B.S. 1929, University of Arizona	N.Y.	Schmid, Lillieanna Hale	Mine
Schapiro, Sol Max	D.C.	Schmidt, Aletha Elaine	Mont.
A.B. 1943, Johns Hopkins University	N.Y.	Schmidt, Donald Gerry	Mass.
Schatz, Bernard	D.C.	B.S. 1942, University of Washington	
Schatz, Louis	D.C.	Schmidt, Henry Edward	Nebt.
Schatz, Clarence Francis, Jr.	Md.	B.S. 1940, Boston College	D.C.
Schaus, Lewis William	N.Y.	Schmidt, Ruth Eleanor	Md.
Schechter, Harry	Mo.	Schmidt, Theola Catherine	
A.B. 1944, The George Washington University		Schmidt, William Edward	
Scheckel, William Howard	Va.	B.S. 1943, The George Washington University	N.Y.
Schechter, Sidney	D.C.	Schmidt, William Francis	D.C.
B.S. in C.E. 1902, Tri-State College	Mich.	Schmitt, Page Marston	D.C.
A.B. 1941, Carleton College	D.C.	Schmuckler, David	Calif.
Scheffrin, Richard Edward	D.C.	Schmuckler, Nathan Joseph	N.Y.
Schejman, William John	D.C.	Schnapp, Carl Bernard	D.C.
Scheinine, Leon	D.C.	Schneiber, Rosalyn	D.C.
Schek, Joseph	N.C.	Schneider, Bertram Alex	
Scheltema, Rudolf Sidgfried	N.Y.	A.B. 1944, The George Washington University	D.C.
Schenck, Joseph Samuel	Md.	Schneider, Harold	D.C.
Schenck, Peter Joseph	N.I.	Schneider, Homer James	D.C.
A.B. 1941, Lafayette College	D.C.	B.S. 1942, University of Wisconsin	Mass.
Schenck, Marilyn G.	D.C.	Schneider, Joan	D.C.
Schenianski, Henry	D.C.	Schneider, Samuel Abraham	Pa.
LL.B. 1939, College of South Jersey	D.C.	Schneiderman, Jeremiah	N.Y.
Schepers, Robert William	D.C.	Schnell, William Cardigan	D.C.
B.C.E. 1928, University of Cincinnati	D.C.	Schnipper, Herbert	Pa.
Scher, Shirley Ruth	Va.	Schmitman, Frederick Shade	D.C.
Scherberger, Robert	D.C.	Schodlatz, Marguerite Burkhaet	D.C.
Schere, H. Murray	D.C.	Schoechle, George Leslie	D.C.
B.S. 1941, Wilson Teachers College	D.C.	Schoeffel, Marianne	Va.
Scherer, Annabelle Theresa	N.Y.	Schoelen, Evelyn Lucille	N.Y.
Scherer, Solomon	Md.	Schoen, Richard Davis	
Scherff, Roger Alan		Schoenbach, Uriel Hellmut	

Schoeneman, Robert Lee	D.C.	Schuman, Larry	N.Y.
Schoener, Edith Hannelore	D.C.	Schuppin, Eric Adolph	D.C.
Schoenfeld, Arthur Derck Reid	Va.	Schuppin, Ida Gertrude	D.C.
Schoenfeld, John Short Reid	D.C.	Schuster, Anne Marie	N.Y.
Schofer, Joseph Robert	Kans.	Schuster, Louis Jo Frederick	Md.
Schoff, Frederic Anthony	Ill.	Schultz, Jack Jacob	D.C.
Schoffstall, Robert Swann	D.C.	Schultz, Julian Adolph	D.C.
Schofield, Graham	Utah	Schultz, Melvin	D.C.
Schofield, Leslie Harrison		Schuyler, Patricia	Mo.
B.S. 1934, United States Naval Academy		A.B. 1945, University of Colorado	D.C.
M.B.A. 1941, Harvard University		Schuyler, William Joseph	Md.
Scholl, Richard Theodore	Md.	Schwab, Robert Dean	D.C.
A.B. 1935, American University		Schwalb, Marianna Josephine	D.C.
B.D. 1938, Drew University		Schwaner, Zaira Ernestine	D.C.
Scholtz, Edward Karl	Nebr.	A.B. 1946, The George Washington University	N.I.
Schonberger, Eugene	Va.	Schwartz, Norman	D.C.
Schor, Marjorie	D.C.	Schwartz, Bella	D.C.
Schott, Lloyd Arthur	Ill.	A.B. 1944, The George Washington University	
Schottler, Robert George	Va.	Schwartz, Donald Edwin	D.C.
Schraber, Vivian Louise	D.C.	Schwartz, Dorothy Louise	D.C.
Schraegle, Anna Elizabeth	Ohio	Schwartz, Harryette	D.C.
B.S. 1942, Columbia University		Schwartz, Helen Janet	D.C.
Schraitle, Arthur William	Va.	Schwartz, Herbert	D.C.
Schram, Dorothy Jean	D.C.	Schwartz, Irving	Md.
Schrecongost, Kathryn Belle	Pa.	Schwartz, Joseph Brewer	D.C.
B.S. 1942, State Teachers College, Indiana, Pa.		Schwartz, Lester I.	D.C.
Schreiber, Louis Allen	D.C.	Schwartz, Louis	
Schreiner, Edna Mae	D.C.	A.B. 1939, Brooklyn College	N.Y.
Schreiner, Margaret Abramitis	N.J.	Schwartz, Milton Allen	
Schreiner, Stanley Warner	Va.	B.S. 1948, College of the City of New York	
Schreyer, Charles Henry	Va.	Schwartz, Morton Julius	D.C.
Schreyer, Concetta Marie	Va.	Schwartz, Olga Edna	Va.
Schrier, Arnold	Md.	Schwartz, Rosalind Brownstone	Md.
Schrier, C. Esther	N.Y.	Schwartz, Richard Henry	
Schroeder, John Juergen	D.C.	A.B. 1942, Hunter College	
Schroeder, Juanita	Va.	Schwartz, Simon Joseph	D.C.
A.B. 1941, Illinois College		Schwartz, Stephen Jay	D.C.
Schroeder, Leo William	Wis.	Schwartzbach, Saul Marvini	D.C.
Schuirmann, William Carter	D.C.	Schwartzman, Anne K.	N.Y.
A.B. 1940, Pomona College		Schwartzman, Sam	Va.
Schulda, Valasta	Tes.	Schwartz, Albert Paul	D.C.
B.S. 1942, University of Houston		Schwartz, Harry Emanuel	Va.
Schuler, Albert Francis	D.C.	Schwartz, Margaret Louise	D.C.
Schulkin, Morris	N.Y.	Schwartz, Osler Lombroso	
A.B. 1939, Brooklyn College		B.S. 1944, Georgetown University	D.C.
A.B. 1940, University of Chicago	Ill.	Schwartz, Richard Henry	D.C.
Schulman, Albert Aurum	N.Y.	Schwartzman, Estelle	Md.
Schulman, Eugene	D.C.	Schweer, William Wood	N.Y.
Schulman, Fred		Schweiger, Irving	
A.B. 1939, Brooklyn College		B.B.A. 1939, College of the City of New York	
Schulman, Martin	N.Y.	Schweiger, Raye Rosenbeck	D.C.
Schulman, Mortimer	N.Y.	Schweiger, Raymond Morris	N.Y.
Schulman, Sidney	D.C.	Schweitzer, June Georgetta	D.C.
Schulte, Rowland Wingfield	Va.	Schweitzer, Robert John	D.C.
Schulten, Carl Lang	D.C.	Schweitzer, William	N.Y.
Schultz, Bernard Eugene	D.C.	Schwellenbach, Baxter	N.Y.
Schultz, Carlos	Md.	Schwenk, Alberta Dean	Pa.
Schultz, Donald	Pa.	Schwertfeger, Jack	N.Y.
Schultz, Floyd Bernard	Mich.	Scollon, Kenneth Martz	Pa.
B.S. 1932, United States Naval Academy		Scolnick, Reuben	Maine
M.S. 1937, Massachusetts Institute of Technology		B.S. 1939, Bates College	D.C.
Schultz, Herman David	D.C.	Scopi, John Daniel, Jr.	Va.
Schultz, Jerome Manfred	N.Y.	Scott, Charles Preston	
Schultz, John Hooker	D.C.	B.S. 1929, College of William and Mary	D.C.
Schultz, Laurel Mary	Pa.	Scott, Charles Wesley	
Schultz, Ruth Marie	Va.	B.S. 1946, Davidson College	N.J.
Schultz, William Lee	Va.	Scott, David Alan	
Schumacher, Frederick Robert	D.C.	A.B. 1938, Princeton University	
Schumacher, Rosalie Ann	D.C.	A.M. 1946, Columbia University	

Scott, Donald Lee	Nev.	Segal, Henry Louis	Minn.
Scott, Elmer Jesse	Wyo.	B.S., LL.B. 1941, University of Minnesota	D.C.
A.B., LL.B. 1936, University of Wyoming		Segal, Jack Phillip	Md.
Scott, Folsom Miko	Va.	Segal, Janet Miriam	
Scott, Francis Delvin	D.C.	A.B. 1945, The George Washington University	N.J.
A.B. 1942, The George Washington University		Segal, Louis David	D.C.
Scott, Guinevere Feckler	D.C.	Segal, Paul Freud	N.Y.
A.B. 1934, University of California		Segal, Robert Joseph	
Scott, Helen Deloria	Ohio	A.B. 1946, The George Washington University	Md.
Scott, James Edward, Jr.	D.C.	Seibels, Blanche D.	Md.
Scott, John Reed, Jr.	Md.	Seibel, Melvin Harvey	
B.S. 1943, University of Maryland		A.B. 1933, Milton College	
Scott, John W., Jr.	D.C.	B.S. 1934, University of Illinois	N.Y.
Scott, LaVilla	Okla.	Seidel, Arthur Harris	
Scott, Loretta Eastman	Va.	B.S. 1942, College of the City of New York	
Scott, Nancy Jean	D.C.	A.M. 1943, University of Michigan	Va.
Scott, Richard Gordon	Md.	Seidel, Doris	D.C.
Scott, Robert Wade	D.C.	Seidenberg, Jacob	Va.
Scott, Walter Lawrence	D.C.	Seidman, Milton	
Scott, Walter Robert	D.C.	B.S. 1938, Johns Hopkins University	Wis.
B.S. 1941, State Teachers College, West Chester, Pa.		Seidman, Oscar	
Scotten, Wilmer Hall	Md.	B.S. 1929, M.S. 1931, Rutgers University	D.C.
Scourles, Stavros	N.Y.	Seidner, Albert	N.Y.
A.B. 1946, University of Michigan		Seidner, Leon W.	Mo.
Scovell, Elizabeth Joan	D.C.	Seifert, Henry L.	
Scruggs, Claude Greene	W.Va.	B.S. in B.A. 1942, LL.B. 1943, Washington University	D.C.
Scudder, Kenneth Ralph	Ind.	Seigel, Irving Marvin	D.C.
B.S., M.E. 1944, Purdue University		Seigel, Shirley Florence	D.C.
Scuderi, Placido Joseph	D.C.	Seiler, William Wilkins	D.C.
A.B. 1946, The George Washington University		Seipel, John Joseph	Md.
Seal, Frank Walker	D.C.	Seitz, Patricia N.	
Seal, Morgan Swaim	D.C.	A.B. 1939, A.M. 1941, Marquette University	Conn.
Seale, John Arthur	Tex.	Seivert, Charles Edward	Wash.
A.B. 1943, The George Washington University		Selander, Kenneth John Olaf	
Seaman, Jean Louise	D.C.	A.B. 1941, University of Washington	D.C.
Seaquist, Ruth Ellen	D.C.	Selby, Albert Julian	Md.
Searles, Philip Nelson	Maine	Seldin, Harriet Judith	N.J.
Sears, George Howard	D.C.	Seldon, Martin	Conn.
Sears, Gustavus Warren	Va.	Selman, Alden Walter	D.C.
Sears, Lillian Floyd	Tex.	Selson, Henry David	Va.
Seaton, Stuart Luman	Md.	Selgman, Jack Lysle	Wis.
B.S. 1942, University of Alaska		Selinsky, James Joseph	Mass.
Seay, Charles Fillmore	D.C.	Selkowitz, Lawrence Emanuel	D.C.
Seay, Ralph Matthew	D.C.	Sell, Jack William	D.C.
Sebastian, Richard David	Va.	Sellers, Lucy Mariah	N.J.
Seborer, Miriam Z.	D.C.	Selznick, Richard Samuel	D.C.
A.B. 1930, Hunter College		Semmes, John Gibson	Fla.
A.M. 1940, Columbia University		Semple, Malcolm McEwen	D.C.
Seborer, Stuart J.	D.C.	Senchyna, Thomas Joseph	Okla.
B.S. 1939, College of the City of New York		Senft, Oscar Leo	D.C.
Sechen, Bernard Louis	D.C.	Senn, Anna Jene	Ill.
Seckmeyer, Hugh David, Jr.	Ga.	Sentimey, Martha L.	Turkey
Seckmeyer, Daniel Lamont	D.C.	Senvutek, Muzaffer	
Seckel, Irvin Benjamin	D.C.	A.B. 1932, Istanbul University	
Sedgwick, Fredrick William	Va.	A.M. 1938, Ph.D. 1939, Harvard University	D.C.
Sedlacek, Donald Edward	Nebr.	Serafin, Stanley	Md.
Sedlacek, Emanuel Joseph	Md.	Serbs, George Charles	D.C.
Sedlak, Vincent Anthony	Pa.	Serjeant, Andrew	Pa.
B.S. 1937, University of Scranton		Serratt, Raymond Joseph	Wis.
Seebode, Ida Bonds	Va.	Servas, Raymond Alois	India
Seebold, Robert Elvin	D.C.	Seth, Gabriel Ram	
Seerist, Lorraine	Va.	A.B. 1944, A.M. 1935, Hindu College	D.C.
Seeley, William Allen	Ohio	Seward, Morton W.	Ga.
A.B. 1940, Ohio Northern University		Sewell, Monte Hicks	Va.
Segal, Alfred	D.C.	Sexton, John Montgomery	
Segal, Bernard Rubin	D.C.		

Seybert, Harry David	D.C.	Sharp, Richard Abraham	Va.
Seybold, John Rockwell	Md.	Sharpe, Harold Philip	Md.
Seymour, Francis Xavier	D.C.	LL.B. 1938, University of Arkansas	
Sexton, John Aloysius	D.C.	Sharpe, Walter Leinster	N.C.
Seznes, James George	D.C.	A.B. 1928, Greenboro College	
Situla, Gloria	D.C.	Simpson, Norman Edward	D.C.
B.S. 1943, Beaver College		B.S. 1943, The George Washington University	
Snack, William Kenneth	Va.		
Snackman, Sara Fay	Mass.	Snatto, Susan Aileen	Va.
Shaddix, William Newton	N.Y.	Snatto, James Wilbur	N.Y.
Shade, Charles Elvin	D.C.	Shadsworth, Thomas Elliott	Va.
Shade, Lavern Paul	Md.	B.S. 1928, Massachusetts Institute of Technology	
Shaler, Caspar Bernhardt	D.C.	Shaw, Arthur Woodbury	D.C.
Shaler, Piers Coulter	Va.	Shaw, David Winston	Md.
Shaffer, Donovan Keith	D.C.	B.S. 1931, Pennsylvania State Teachers College	
Shaffer, Melvin Cyrus	W.Va.	M.Ed. 1936, Duke University	
Shahan, Catherine Virginia	Va.	Shaw, Ellen Jane	D.C.
Shahan, Elsa Ellsworth	W.Va.	Shaw, Elise Marie	D.C.
Shallie, Herman I.	D.C.	B.S. 1943, Madison College	
A.B. 1931, Brooklyn College		Shaw, Gail Elizabeth	D.C.
Shalowitz, Ernest Maurice	D.C.	Shaw, Henry	N.Y.
Shalowitz, Erwin Emmanuel	D.C.	Shaw, Robert Seely	Md.
Shalowitz, Mervin	Ill.	B.S. 1936, Bowdoin College	
Shamir, Zuvart	D.C.	A.M. 1937, Harvard University	
Shampson, Leon	N.Y.	Shaw, Oliver Abbott	Miss.
Shanahan, Kathleen Eva	Md.	A.B. 1938, University of Mississippi	
B.S. 1931, University of Maryland		Shaw, Robert Winfred	N.J.
Shanahan, William Francis	N.J.	Shaw, Richard Earl	Pa.
Shane, Margaret Brinkerhoff	D.C.	Shaw, Robert Harrison	Va.
Shank, Charles Erwine	Pa.	A.B. 1940, Carroll College	
Shank, Glenn Paul	D.C.	A.M. 1941, University of Wisconsin	
Shank, Glenn Ray	D.C.	Shaw, Robert Tenace	D.C.
Shanks, Jane Elizabeth	Md.	Shaw, Roger Molo	Mich.
Shanks, Oscar Eugene	Md.	Shaw, Walton Peckham	Va.
Shanks, Rosanna	Ind.	Shaw, Catherine V.	Va.
A.B. 1946, MacMurray College for Women		Shaw, Ellen Dorothy	D.C.
Shannon, James Russell	Conn.	Shaw, James V.	Conn.
Shapard, Harold John	D.C.	A.B. 1934, Trinity College, Conn.	
Shapiro, John Joseph	Md.	Shea, John Philip	Iowa
Shapiro, Annette J.	D.C.	B.S. 1936, Trinity College, Iowa	
A.B. 1944, The George Washington University		Shea, Robert Tracy	Va.
Shapiro, Daniel Murry	N.Y.	Shea, Wanda Nair	D.C.
Shapiro, David	N.Y.	Shea, William Henry, Jr.	Wash.
Shapiro, Dorothy	D.C.	B.S. 1936, United States Naval Academy	
Shapiro, Edward Shelton	D.C.	Sheaffer, William Thomas	D.C.
Shapiro, Goodwin	Mass.	Shear, Catherine Elizabeth	Va.
Shapiro, Harold John	Calif.	Sheard, Donald David	Va.
Shapiro, Harry Alan	D.C.	Shearer, Stanley Lewis	Md.
Shapiro, Herbert Irving	D.C.	Shearon, Plummer Mustian	Me.
Shapiro, Nettie Sandra	Ill.	B.S. 1939, Wake Forest College	
Shapiro, Nettie Sheetz	Pa.	Shears, Lindsey	Va.
B.S. in Ed. 1931, University of Pennsylvania		Sheble, John Howard	Va.
Shapiro, Paul	D.C.	A.B. 1942, Williams College	
Shapiro, Sam	N.Y.	Sheels, Anamaria Therese	D.C.
B.S. 1933, Brooklyn College		Sheehan, Charles Richard	Va.
Shapiro, Sidney	D.C.	Sheehan, Edward Patrick	D.C.
Shapiro, Stanley	D.C.	Sheehan, Irene Marie	D.C.
Shapley, Charles Leland	Del.	B.S. 1941, Western State Normal School, Grafton, Maine	
Shaw, Adrian Grant	Va.	Sheeran, James Joseph	N.J.
Shaw, Francis Michael	D.C.	Shankin, Jacob	D.C.
B.S. 1932, Georgetown University		Shankin, Zelda Bertha	D.C.
Shaw, James Francis	Pa.	Shel, Irving H.	Mass.
Shaw, Rosemary E.	Pa.	Shenckel, Ann	D.C.
Sharp, David D.	Mass.	Shenckel, Frederick Thomas	Va.
B.S. in E.E. 1939, Northeastern University		Shenckel, Norman Leidy	Mich.
Sharp, I. D.	Oreg.	Shelley, William Paul, Jr.	D.C.
A.B. 1941, Fort Hays Kansas State College		B.S. in B.A., LL.B. 1939, University of Florida	
Sharp, Nugent Shannon	Va.	Shelly, Francis Joseph	Md.

Shelly, Herbert H.	Va.	Shields, Richard Vincent	D.C.
Shelton, Anna Louise	D.C.	Shields, Rita Katharine	Mont.
Shelton, John K., Jr.	Va.	Shields, Susan Braddy	Md.
Shen, Mo Han	D.C.	Shifflet, Paul	Va.
B.S. 1930, North Central University, China		A.B. 1936, Bridgewater College	China
Shepard, Charles	Va.	Shih, Ko Ching	D.C.
Shepard, Robert Stanley	D.C.	Shillinger, Frederick William	N.Y.
Shepard, Charles Perry	D.C.	Shimberg, H. Lee	
A.B. 1937, The George Washington University		A.B. 1939, College of William and Mary	W. Va.
Shepard, William Edward	D.C.	Shimp, LaVernon Charles	Md.
Shepard, William Hendy	D.C.	Shinn, Charles Curtis	Va.
A.B. 1929, Washington Missionary College		Shinnaman, Virginia Stubbs	Idaho
A.M. 1936, University of Virginia		Shiozawa, Sam	
Shepherd, John Henry	Md.	B.S. 1941, Utah State Agricultural College	W. Va.
Sheppard, Daniel	N.Y.	Shipley, Charles Waldron	
Sheppard, William Jacob	Va.	A.B. 1942, Shepherd State College	D.C.
Sheppe, Frank William	D.C.	Shipley, Edward George	D.C.
Sheppy, Phyllis	D.C.	Shipley, Harry Melvin	D.C.
Sher, William	D.C.	Shipman, Harvey Anderson	D.C.
Sherbow, Theodore	Va.	Shipman, John Bernard	
Sherley, Joseph Major	D.C.	LL.B. 1933, National University	Va.
B.S. 1939, Wilson Teachers College		Shipp, Charles Kenneth	D.C.
Sherly, Laurence Polkinborn	D.C.	Shipp, Thomas Wooten	D.C.
A.B. 1933, LL.B. 1936, The George Washington University		Shirley, Fred William	D.C.
LL.M. 1937, Harvard University		Shishov, Eugene Victor	Va.
Sherly, Raphael	D.C.	Shivar, James Frances	D.C.
A.B. 1933, LL.B. 1936, LL.M. 1938, A.M. in Govt. 1941, The George Washington University		Shlanta, Michael P.	D.C.
LL.M. 1937, Harvard University		Shnider, Jack Carr	Va.
Sheridan, Betty Jane	D.C.	Shoemaker, Bernard Robert	D.C.
Sheridan, Edward Sylvan	Md.	Shoemaker, Lemuel Isaac	D.C.
Sheridan, John Patrick	N.Y.	Shoemaker, Ralph Bower	D.C.
Sheridan, Michael Henry	Pa.	Shoemaker, Robert Frank	D.C.
B.S. 1933, Lafayette College		Shoemaker, William Robert	D.C.
LL.B. 1936, Dickinson College		Shoery, Catherine Jane	N.Y.
Sheridan, Philip Henry	D.C.	Shonick, William	
B.S. in E.E. 1944, Worcester Poly- technic Institute		B.S.S. 1942, College of the City of New York	Ind.
Sheridan, Philip Regis	D.C.	Shookman, Loyd Allen	Md.
Sheridan, Robert Anthony	D.C.	Short, Claire Ann	D.C.
Sherling, Harold Albert	Mo.	Short, Clyde Lonnell	Calif.
Sherlock, Frank Joseph	Pa.	Short, Morris Robert	
Sherman, Fred	Okla.	A.B. 1938, The George Washington University	Conn.
A.B. 1934, University of Oklahoma		Short, Ruth June	Calif.
Sherman, Robert	D.C.	Short, William Herkimer	
Sherman, Ruth Tanney	Va.	B.S. 1943, University of California	D.C.
Sherman, Sidney	N.Y.	Shortley, Barbara Mary	D.C.
Sherman, Vincent Edwin	D.C.	Shostack, Robert	
Sherref, James Edward	D.C.	A.B. 1937, The George Washington University	D.C.
Sherwin, Leonard James		Shoun, Wendell Keith	Ind.
B.E. 1938, State Teachers College, Milwaukee, Wis.		Shoup, Wilson Elliott	
Sherwin, William Winsor	D.C.	A.B. 1937, Indiana University	Ky.
Sherwood, Frederick	Va.	Shouse, William James	Md.
Sherwood, James Steck	Va.	Showacre, Jane Luray	
Sherwood, Jesse Eugene	Md.	B.S. 1943, M.S. 1944, University of Maryland	Md.
B.S. 1943, University of Pittsburgh		Showalter, David Norman	Md.
Sherwood, John Myers	Va.	Showalter, John Henry	Va.
B.S.C. 1940, University of Virginia		Showkeir, Julian Mancour	
Sherwood, Virginia	Va.	Shrader, Edward Franklyn	Md.
Sherwood, Winifred	D.C.	A.B. 1940, Randolph-Macon College	
A.B. 1925, A.M. 1929, The George Washington University		ST.B. 1943, Westminster College	
Shesser, Ira	N.I.	Shrewsbury, William James	
Shettel, Harris Harlan	D.C.	B.S. 1938, Washington College	D.C.
Shewmake, Edwin Francis	N.C.	Shrope, Lydia Dagmar	China
B.S. 1941, Davidson College		Shueh, Shih Yung	N.C.
Shields, Elise Trigg	Md.	Shugar, Harold Bernard	
		B.S. 1947, University of South Carolina	Tex.
		Shugart, James Earl	

Shugre, John Fenwick	D.C.	Silver, Edwin Ansel	Pa.
Shuken, Fannie Sarah	D.C.	Silver, Jack Samuel	Va.
Shuler, Elliott E.	D.C.	Silver, Jean Marjorie	Maine
Shullenberger, John Albert	D.C.	Silverberg, Stanley Melvin	D.C.
Shulman, Harold	D.C.	Silverman, Aaron	D.C.
Shulman, Ruth Rachel	D.C.	Silverman, Emanuel Matthew	D.C.
Shultz, Edna Longstreth	Iowa	Silverman, Maurice Bernard	Conn.
A.B. 1926, Drake University		Silverman, Morris Leon	D.C.
A.M. 1938, University of Iowa		Silverman, Norman	Md.
Shultz, James Irwin	Md.	Silverman, Samuel	D.C.
B.S. 1941, Franklin and Marshall College		Simat, Nathan S.	N.Y.
Shultz, John Henry	Calif.	B.S.S. 1941, College of the City of New York	
M.S. 1930, Columbia University		Simenauer, Hildegard	D.C.
Shumaker, Eliza Cochran	D.C.	Simes, Victor R.	D.C.
A.B. 1944, Smith College		Simmons, Alfonso Alfred	D.C.
Shumaker, James Lee	Va.	Simmons, Chester Robert	R.I.
Shumate, Arline	Md.	Simmons, Dale Mell	Okla.
Shumen, Ida Irene	D.C.	Simmons, Delford Edgar	D.C.
Shundich, Peter	Pa.	Simmons, Dorothy Jean	D.C.
Shupe, Mary Lee	Va.	Simmons, Earle Mitchell	Va.
Shupp, Erwin Henry	D.C.	Simmons, Elizabeth Ellen	Ga.
Shupp, Walter Fleming, Jr.	D.C.	Simmons, Frank Peter	Pa.
Shure, Gilbert Berbard	Va.	Simmons, James Kenneth	D.C.
B.S. 1934, Virginia Polytechnic Institute		Simmons, Joseph Alvin	D.C.
Shurtleff, Miller Francis	Utah	Simmons, Leonard Glenn	Md.
Shute, Kenneth Walter	Va.	Simmons, Paul Franklin	Va.
Shutt, Mary Frances	Ark.	Simmons, Richard Paul	Md.
Shuttle, John David	N.C.	Simms, Barbara Anne	D.C.
Siao, Chen Yung	China	Simms, George Dyson	Va.
Sibley, William Ralph	Mo.	A.B. 1920, The George Washington University	
Sich, Muncie Anne	N.Y.	Simms, Gertrude Plumer	Md.
Siciak, Walter Stanley	N.Y.	A.B. 1940, University of Maryland	
Siddens, John Allan	Oreg.	Simms, Harriet Shepard	Ill.
Sidle, Thelma Blanche	Ala.	B.E. 1941, Northern Illinois State Teachers College	
Siegel, Abraham	Calif.	Simms, John Raymond	Md.
B.S. 1941, College of the City of New York		Simms, John W.	D.C.
Siegel, Florence	N.J.	Simms, Shirley Hazen	D.C.
Siegel, Harold B.	D.C.	Simon, George Hanna, Jr.	D.C.
Siegel, Harry M.	D.C.	Simon, Philip David	D.C.
Siegel, Irwin	N.I.	Simon, Philip James	Iowa
Siegel, Jeanette Mac	Md.	Simon, Robert Charles	Ohio
Siegel, Lawrence	D.C.	Simon, Samuel Louis	Mass.
Siegel, William Marvin	D.C.	Simon, Sherie S.	Del.
Siegfried, Robert Ellwood	Ohio	Simonauer, Hildegard	D.C.
Siegler, Judith Ellen	N.J.	Simonis, William Joseph	Wis.
Sieh, Yao Chung	China	Simony, Berry	N.Y.
LL.B. 1942, National Sun Yat-Sen University		Simpson, Archie Duane	Va.
Sieller, Judith Ellen	N.J.	Simpson, Archie Duane	D.C.
Siemkiewicz, Edward Mitchell	Mass.	Simpson, Jack Byron	Pa.
Siemkiewicz, Ernest Reynold	D.C.	Simpson, Jacqueline Deighton	Fla.
Siericha, Helen T.	D.C.	Simpson, James Stokes	Md.
Sierman, Kathryn Marie	Ohio	Simpson, Robert Ellsworth	D.C.
Siermann, Ellen Claire	Tex.	Simpson, Robert Tate	Va.
Siggers, Marion Colling	Nev.	Simpson, Roxie Colthe	N.C.
Siggers, Richard Lawrence	D.C.	A.B. 1922, Meredith College	
A.B. 1945, Columbia University		Simpson, William Littlejohn	D.C.
Sikora, Edward	D.C.	Sims, Fred A.	Md.
Silbert, Gerald Melvin	Pa.	A.B. 1940, Henderson State Teachers College	
Silbert, Leo	D.C.	Sims, Norman Eade, Jr.	Va.
Silk, Harry	N.J.	A.B. 1928, The George Washington University	
B.S. 1911, Newark College of Engineering		Simson, Marian Noble	D.C.
M.S. 1944, The George Washington University		Sing, Joseph Lee	D.C.
Sillers, Daniel Joseph	D.C.	Sing, Milton Lee	D.C.
Silling, Daniel Robert, Jr.	D.C.	Singer, Burton Owen	Ohio
Silby, Earl Charles	Vt.	Singer, Lawrence Robert	D.C.
Silva, Jose Luis	D.C.	Singer, Stanley Irvin	D.C.
B.S. 1943, Villanova College		Singleton, Gladys Vivian	D.C.
Silver, David H.	D.C.	Singleton, Robert Julian	D.C.

Singleton, Walter Ferguson	D.C.	Small, Albert Harrison	D.C.
Singman, David	N.Y.	B. Chem. Eng. 1946, University of	
Singman, Henry Dick	D.C.	Virginia	Pa.
Sinitz, Norma	D.C.	Small, Edward I.	N.Y.
Sisselbach, James Alexander	Va.	Small, Leonard	Ohio
Sipe, Edith Virginia	Mo.	Small, Virginia Provins	Pa.
Sipes, Oona Fink	Va.	Smale, Dan. of Edwin, Jr.	Md.
A.B. 1926, Hood College	Va.	Small, Nedie Demerit	Tex.
Sirbaugh, Isaac William	Ohio	Smason, Charles E.	Mo.
Siringer, Norman William		Smay, Charles Franklin, Jr.	Va.
A.B. 1941, Western Reserve University	D.C.	Smedberg, Claudia Stuart	Conn.
Sirmat, Albert	Wis.	Smiet, August Joseph	D.C.
Sirna, Anna Josephine	N.Y.	Smiler, Wesley Bovee	D.C.
Sirottia, Simon	N.Y.	Smith, Alva Craig	D.C.
Siskind, David I.	N.Y.	Smith, Alma Marie	D.C.
B.S. 1918, College of the City of		Smith, Anna Josephine	Mass.
New York		Smith, Arthur Chester	
Sisler, Maurice Arthur	D.C.	B.S. 1914, United States Naval	
A.B. 1914, The George Washington		Academy	D.C.
University	D.C.	Smith, Arthur Jay	
Siss, Richard Howard	D.C.	A.B. 1945, The George Washington	
Sisson, Barbara Ethel	Va.	University	Va.
Sites, James Glover	D.C.	Smith, Audrey Louise	N.Y.
Sitz, Glenn William	Md.	Smith, Austin Charles	
Sivertsen, Marilyn Carol	Md.	A.B. 1941, Cornell University	D.C.
Sizemore, Lawrence Edward	Ohio	Smith, Barbara Elaine	D.C.
B.S. 1941, University of Oklahoma		Smith, Barbara Ellen	Va.
Skaggs, Bruce		Smith, Benjamin Williams	
A.B. 1942, The George Washington		B.S. 1940, Virginia Polytechnic In-	
University	Va.	stitute	D.C.
Skeel, Ralph Lloyd	D.C.	Smith, Bernard Mehlon	S.D.
Skegas, Helen	Va.	Smith, Betty Kristene	Md.
B.S. 1946, Thiel College		Smith, Clair Hanna	
Skelly, Joseph Brooks, Jr.	Va.	B.S. 1949, University of Maryland	Md.
Skelton, James Roger	Va.	A.M. 1949, Gallaudet College	Va.
A.B. 1938, Mississippi College	N.Y.	Smith, Charles Earl	Va.
Skelton, Robert T.	D.C.	Smith, Charles Henry, Jr.	Va.
Skene, John Malcolm	Va.	Smith, Charles Howard	D.C.
Skillman, Douglas Benjamin	D.C.	Smith, Charles Reemald	Nev.
B.S. 1942, Pennsylvania State College	D.C.	Smith, Chester Horace	Pa.
Skinker, Mary Jane	D.C.	Smith, Clinton Draper	D.C.
Skinker, Thomas	D.C.	Smith, David Bushnell	D.C.
Skinner, John Albert	Md.	Smith, David Lawrence	D.C.
Skinner, John William		Smith, Dorothy	Maine
A.B. 1942, Wesleyan University	Va.	Smith, Dorr Newell	Va.
Skinner, Margaret Lorraine	Mass.	Smith, Earl Richard	Md.
Skinner, Paul Artemos	D.C.	L.L.B. 1942, Columbia University	Kans.
Skinner, Percy Hayes	N.D.	Smith, Eben Stoddard	
Skonnord, Charlotte Bernice		Smith, Eldon Blake	
A.B. 1944, State Teachers College,		A.B. 1939, University of Kansas	
Valley City, N. D.	Conn.	M.B.A. 1942, Harvard University	Calif.
Skuba, Helynn Audrey	Va.	Smith, Eleanor DeForrest	D.C.
Slaphey, Carolyn Rutherford	D.C.	Smith, Emery Peter	D.C.
Slaphey, Mary McGowan	D.C.	Smith, Ethel Louise	
Slason, Frank Kane	N.Y.	A.B. 1911, A.M. 1933, American	
Slavin, Joseph George	Maine	University	D.C.
Sleight, Ann Caroline	D.C.	Smith, Evander Cade	Calif.
Sletten, Robert Eugene	D.C.	Smith, Frances Dean	D.C.
Slice, Henry Walter, Jr.	D.C.	Smith, Frederick Novick	D.C.
Slick, Thomas Whitten	Md.	Smith, George Arnold	
Sligh, Frederick Henry	Va.	B.S. 1910, M.S. 1940, University of	
Slincy, James Gilmore	Mass.	Georgia	D.C.
B.S. 1931, College of the Holy Cross	D.C.	Smith, George Francis	N.Y.
Sload, Philip H.	N.J.	Smith, Gergette Elizabeth	Va.
Slockbower, Lee Andrew, Jr.		Smith, Gordon Barron	Va.
A.B. 1940, Drew University	D.C.	Smith, Gordon Earl	D.C.
Slothower, John Henry	N.Y.	Smith, Grace B.	D.C.
Slowik, Helen	D.C.	Smith, Harlin Van Alen	N.Y.
Sluder, Virginia		Smith, Har. J.	D.C.
A.B. 1940, Meredith College	D.C.	Smith, Harold A.	Md.
Slusher, Sarah Velma	Pa.	Smith, Harold Calmes, Jr.	D.C.
Slusher, William J.	Pa.	Smith, Harold Jerome	Pa.
Smale, Ronald Anthony		Smith, Harman F.	

Smith, Harry Beasley	S.C.	Smith, Richard Cook	Va.
A.B. 1941, Mercer University		Smith, Richard Robert	N.J.
Smith, Harry Wallace, Jr.	Md.	Smith, Robert Dent	D.C.
Smith, Hazel Margaret	Va.	Smith, Robert Gordon	Mass.
Smith, Herbert Willard	D.C.	Smith, Robert Tynes IV	Va.
Smith, Ivan Edgar	Ohio	Smith, Roberta Evelyn	Oreg.
Smith, J. Gordon	Md.	A.B. 1936, Willamette University	
Smith, J. Russel	Utah	Smith, Roger Emerson	D.C.
L.L.B. 1945, The George Washington University		Smith, Rosalie Gertrude	Va.
Smith, Jack Wyman	Tex.	Smith, Roy Lindsay, Jr.	D.C.
Smith, Jackson Wray	Calif.	Smith, Russell Willard	R.I.
Smith, James Anthony	Ohio	Smith, Ruth Ellen	D.C.
Smith, James Arthur	D.C.	Smith, Samuel Rodmond	Va.
Smith, James Barclay	D.C.	Smith, Sherwood	D.C.
Smith, James Warren	Mich.	Smith, Shirley B.	Mich.
B.S. 1931, A.M. 1939, University of Michigan		Smith, T. Oscar	Va.
Smith, James William	Va.	A.B. 1935, Lincoln Memorial University	
Smith, Jean Chandler	D.C.	Smith, Thomas Benjamin	D.C.
A.B. 1939, Bryn Mawr College		Smith, Thomas Lanier	D.C.
Smith, Jesse Bond, Jr.	Md.	A.B. 1946, College of William and Mary	
A.B. 1942, University of Virginia		Smith, Thomas Lewis	D.C.
Smith, John Daniel	D.C.	Smith, Thomas Warner	Ala.
Smith, John Francis	D.C.	Smith, Walker William	N.C.
Smith, John Robert	D.C.	Smith, Wallace Morrell	D.C.
Smith, Joseph L.	Mo.	Smith, Warren Webster	D.C.
Smith, Josephine Lucille D.	D.C.	Smith, Willard Franklin	Ohio
A.B. 1930, University of Buffalo		Smith, William Ellison	D.C.
A.M. 1943, The George Washington University		Smith, William M.	D.C.
Smith, Kay Elaine	D.C.	Smith, William Parkhurst	D.C.
Smith, Kendall Owen	Va.	Smith, William Preston, Jr.	D.C.
Smith, Kevin Joseph	N.Y.	Smith, Winnifred Joyce	D.C.
Smith, Kirk Braman	D.C.	Smithers, Laura Helen	D.C.
Smith, Lawrence Clark	D.C.	Smithson, James Elmer	D.C.
Smith, Lawrence Crane	N.Y.	Smithwick, Edward Francis	N.Y.
Smith, Lawrence Sinclair	Fla.	Smolen, Joseph Sidney	Calif.
A.B. 1939, University of Florida		A.B. 1946, University of California at Los Angeles	
Smith, Leon Kushner	D.C.	Smolen, Stan Lee	Md.
Smith, Leonard Phillip	D.C.	Smokler, Morton Bernard	D.C.
Smith, LeRoy Walter	Md.	Smoot, Arthur Eugene	Va.
Smith, Lucretia Madeline	D.C.	A.B. 1946, Lynchburg College	
Smith, Lois Elaine	Va.	Smoot, Harvey Wilson	Va.
Smith, Louis Guy, Jr.	Va.	A.B. 1937, Lynchburg College	
Smith, Margaret Anne	D.C.	Smoot, Henry Brawner	Va.
Smith, Margaret Lyon	D.C.	Smoot, Jeannette	Pa.
Smith, Mary Louise	D.C.	Smvrenstis, Pauline Zoe	D.C.
B.S. 1926, University of Chicago		Smvser, Marion Raymond	D.C.
Smith, Mary Muirhead	Ga.	A.B. 1942, L.L.B. 1946, University of Wyoming	
Smith, Mary Patricia	D.C.	Smvth, Samuel Wallace	D.C.
Smith, Merle J.	D.C.	Snapp, Nathan I.	Idaho
Smith, Nelson	D.C.	B.S. 1940, Utah State Agricultural College	
Smith, Nina Buist	Md.	Snaveley, Charles Thomas	W.Va.
Smith, Nina Oberlene	N.H.	A.B. 1927, Lincoln Memorial University	
Smith, Palmer Rathbone	D.C.	Snedden, John James	Va.
Smith, Pamela Wellesley	Calif.	Snedeker, James	Ga.
Smith, Patricia Ann	Md.	B.S. 1925, United States Naval Academy	
Smith, Paul Greer	Okla.	J.D. 1940, The George Washington University	
A.B. 1945, University of Texas		Snell, Harriet Jacqueline	N.Y.
Smith, Paul Henry	N.Y.	Snell, Henry Ambrose, Jr.	Maine
Smith, Pearl O.	Ky.	B.S. 1942, University of Maine	
Smith, Quixle Bowerman	D.C.	Snider, John Lawrence	Va.
A.B. 1940, Drake University		Snider, Leonard Alfred	Va.
Smith, Ralph Bedent	Md.	Snider, Lewis L.	Va.
Smith, Ralph Olin	Pa.	Snoddy, Joe Spruce	Okla.
Smith, Ray Frank	Md.	A.B. 1941, The George Washington University	
Smith, Rebecca Pittman			
A.B. 1919, East Carolina Teachers College			
Smith, Richard Alonzo	La.		
B.S. 1940, Louisiana Polytechnic Institute			

Snodgrass, Ann Browning A.B. 1930, Smith College	D.C.	Sommer, M. Barbara B.S. 1943, College of Mt. St. Joseph	Ohio
Snow, Betty Jane	D.C.	Sonnabend, Joel Simon	D.C.
Snow, Lee Bruner	D.C.	Sonnenberg, Arthur Theodore	D.C.
Snow, Robert Francis	Md.	Sonnenberg, Harry Frederick	D.C.
Snow, Robert Maughan B.S. 1940, A.M. 1943, The George Washington University	D.C.	Soper, Hulda F.	N.Y.
Snyder, Bernita Alice	D.C.	Sorady, Mary Elizabeth	D.C.
Snyder, Bruce Boots	Nebr.	Sorden, LeRoy Vincent	Ala.
Snyder, Charles Joseph	N.J.	Sorenson, Barbara Jeanne	N.Y.
Snyder, Donald Kenneth	Pa.	Sorenson, Clara Thelma	Iowa
Snyder, Edith Cook	Mo.	Sorenson, Marian Ruth	Iowa
Snyder, Gene Ann	W.Va.	Sorin, A. Benjamin	N.Y.
Snyder, Gilbert Reed	D.C.	Sorkin, Sally Eileen	Md.
Snyder, Glenn Harold	D.C.	Sornson, Robert Oscar	Wash.
Snyder, Lucille	D.C.	Sorrell, Frederick Maurine	Va.
Snyder, Martha Francis A.B. 1945, The George Washington University	Va.	Sorrell, George Linwood	D.C.
Snyder, Mary Kathryn A.B. 1946, Bryn Mawr College	Pa.	Sorrell, Richard Alexander	D.C.
Snyder, Maude Crockett Ph.B. 1927, Piedmont College	D.C.	Sorrell, Wilfred Byron LL.B. 1943, National University	Tenn.
Snyder, Merrill J. B.S. 1940, University of Pittsburgh	Pa.	Sorrows, Howard Earle A.B. 1940, Baylor University	D.C.
Snyder, Sidney	Md.	Sosnick, Adelle Diana	D.C.
Snyder, Theodore Russell, Jr.	D.C.	Soter, Kenneth McGlothen	D.C.
Sober, Manuel	N.Y.	Sota, Olivia	Va.
Sober, Sidney A.B. 1939, College of the City of New York	D.C.	Sotta, Robert Eugene	Va.
Soble, Iris Bebe	D.C.	Soucek, Frank James	D.C.
Sodergren, Albin Rufus B.S. 1923, United States Naval Academy	Ill.	Souder, George Ernest	D.C.
Soen, Albert James	Calif.	Soulant, Herman Albert, Jr.	N.J.
Soffen, Fred	N.J.	Soule, Elliott Ashley	W.Va.
Sokobin, Cynthia Jane A.B. 1943, Stanford University	D.C.	Soure, Nicha B.S. 1946, West Virginia University	Tenn.
Solarz, Benjamin John	D.C.	South, Dorothy Isabel A.B. 1943, Southwestern, Tenn.	N.C.
Solberg, Marian R.	D.C.	Southard, Samuel	Va.
Sollins, Alfred D. A.B. 1945, The George Washington University	D.C.	Souther, Arthur Fuller	D.C.
Sollud, Alvin Jacob	N.J.	Southerland, Leonard B.	Mont.
Solms, Patricia Dolores	N.J.	Southern, Mary Virginia	Va.
Solnitzky, Dorothy Louise	D.C.	Southmayo, LeRoy, Jr.	Utah
Solomon, Edward Wellington B.Ed. 1932, University of California A.M. 1934, The George Washington University	D.C.	Southwick, Edward Page	D.C.
Solomon, Lawrence Philip	N.Y.	Southworth, Emma Lucinda	Md.
Solomon, Lewis Jay	N.Y.	Sowers, Gilbert Leo	Calif.
Solomon, Robert Joseph	Mich.	Sowers, Robert Hauer	Md.
Solomon, Samuel Sidney	D.C.	Soyster, Peter	D.C.
Solomon, Sidney	D.C.	Spada, Alda Frank	
Solomon, Stanley Lawrence	D.C.	Spagnola, Catherine Dolores A.B. 1945, The George Washington University	W.Va.
Solow, Max B.F.E. 1941, The George Washington University	N.J.	Spaid, Giles Henry	Md.
Solt, James Earl A.B. 1934, University of Maryland A.M. 1939, Columbia University	Ohio	Spanier, George William A.B. 1926, Swarthmore College	D.C.
Solt, Lowell Kalb B.S. 1943, Ohio State University	Va.	Spanier, Leonard William	N.Y.
Solterer, Carl Frederick	D.C.	Spanier, Jacob Aaron	D.C.
Soltetz, Joseph William	N.J.	Spanin, George Klepfer	D.C.
Soltz, Shirley Ann	Mass.	Spanogle, Lee Warren	D.C.
Somers, Leonard	N.Y.	Spar, Irving Leo	Tenn.
Somers, Nelson Roy	Va.	Sparkman, Joseph Ben, Jr. B.S. in M.E. 1942, Rice Institute	D.C.
Somerville, Atwell Caden		Sparks, Donald Carroll	N.Y.
		Sparks, Morris Murray	Va.
		Sparks, Victor Paul	Va.
		Sparrow, Herbert George B.S. 1933, United States Military Academy	D.C.
		Spaulding, Jo Anne	D.C.
		Spaulding, John Henry	D.C.
		Spaulding, Ruth Elaine	Va.
		Spaulding, Wallace Paul	D.C.
		Spavin, Russell S.	Va.
		Speaker, June Marie	D.C.
		Speaker, Richard B. A.B. 1944, The George Washington University	D.C.
		Speaks, James Taylor	

Spear, Moncrieff Johnston	N.Y.	Squires, Evelyn Joyce	Va.
A.B. 1946, Cornell University		A.B. 1932, Fairmont State Teachers	
Spearman, Eloise Lenore	D.C.	College, W. Va.	D.C.
Spears, Constance H.	D.C.	Squires, Mary Dorothea	Okla.
Spears, Paul Hanford	Utah	Squyres, Lucy Almeda	Ohio
Speck, Anne Ingersoll	D.C.	Srensek, Stanley Edward	Md.
A.B. 1929, Vassar College		Sruka, Sylvia Anita	D.C.
Speck, Robert H.	D.C.	Stabler, Reginald Basil	D.C.
Spector, Eugene Paul	Mass.	Stahl, Francis Samuel	D.C.
Spector, Sharon Madeline	D.C.	Stanger, Jean Whittier	Md.
Speer, William Thomas	D.C.	Starr, Gerald Kent	D.C.
Speidel, Frederick Graham	D.C.	Stakeman, George Howard	Ind.
Spence, Mary J.	D.C.	Stalder, Marvin F.	Tex.
Spencer, John Henry	D.C.	B.S. 1928, University of California	Va.
Spencer, John W. H.	Va.	Stallings, Carlyle Page	Ga.
Spencer, Orson Burnham	Utah	Stallings, Dorothy Romelle	D.C.
B.S. 1942, Utah State Agricultural		Stalvey, Allen Nicolas	N.Y.
College		Stam, Tobias Leon	
Spencer, Paul Eric	Calif.	B.S. 1940, The George Washington	
Spencer, Raiford Edmond	Va.	University	Pa.
Spencer, Robert Henderson	D.C.	Stambach, George Leonard	D.C.
Spencer, Robert Mitchell	Tenn.	Stambaugh, Donald John	D.C.
Spencer, Ruth Marie	Md.	Stambler, Howard Victor	Mo.
Spencer, Thomas Marshall	D.C.	Stamer, Paul Fred	Pa.
Sperduto, Anthony James	D.C.	Stamey, Harry Clay	D.C.
Sperry, Geraldine G.	Minn.	Stamper, Dorothy Elizabeth	D.C.
Spiegel, Morton Lee	D.C.	Stamper, Harvey Pugh, Jr.	Ill.
Spilsbury, Calvin	Va.	Stamps, Lucille M.	D.C.
A.B. 1944, The George Washington		Standley, Grace Geneva	Va.
University		Stange, Paul William	
Spindel, Sidney Simon	Md.	A.B. 1944, Santa Barbara State College	Va.
B.S. 1946, The George Washington		Stanges, Julius Thomas	
University		B.S. 1941, Catholic University of	
Spinides, Jimmy Dennis	N.C.	America	D.C.
Spitzley, Claire Toby	D.C.	Stanitas, Sthebelas M.	Ohio
Spitsbedgen, James Clifford	D.C.	Stanley, Earl R.	
Spitz, Elinor Kapneck	D.C.	B.S. 1944, Kent State University	Va.
Spitzer, Samuel E.	N.M.	Stanley, Elmo Larry	D.C.
A.B. 1940, University of North		Stanley, Eric	Maine
Carolina		Stanley, Laura May	
L.I.B. 1943, Columbia University		A.B. 1922, Colby College	D.C.
Spitznas, James Ernest	Md.	Stanley, Martin Linchuck	D.C.
Ph.B. 1918, Dickinson College		Stanley, Nancy Caldwell	Va.
A.M. 1928, Columbia University		Stanley, Raymond E.	Ill.
Spivak, Richard Walter	Pa.	Stanton, Mary C.	
B.S. 1942, University of Pennsylvania		A.B. 1940, Trinity College	Pa.
Spivey, Thomas Denmuty	N.C.	Stanton, Raymond J.	D.C.
A.B. 1940, University of North		Stapler, Charles R.	
Carolina		B.S. 1940, United States Naval	
Splitgerber, Ray Arthur	Va.	Academy	D.C.
Spokas, Otto E.	D.C.	Stapleton, John Robert	D.C.
Spoon, LeRoy Page, Jr.	D.C.	Stark, Jeremiah M.	
Spoonamore, Edward Bruce, Jr.	Md.	B.S. 1944, United States Coast Guard	
Spradlin, Margaret Loretta	Va.	Academy	
Sprague, Phineas	D.C.	B.S. 1946, North Texas State Teachers	
Sprague, Thomas Lamison	D.C.	College	D.C.
B.S. 1917, United States Naval		Stark, Sylvia Marie	Md.
Academy		Starkev, Elizabeth Bowie	W.Va.
Spraker, Glenna M.	Iowa	Starnes, Milo Mitchell, Jr.	Kv.
Sprony, Joseph Graham	Va.	Starns, Charles Edwin	Va.
Springman, Mary Regina	Va.	Starns, Henry Carroll	N.Y.
Springston, Charles Daniel	Va.	Starron, Vina Teresa	D.C.
Springston, George Baillie, Jr.	Md.	Starr, David Whelpley	N.Y.
Sprinkel, James Paul	Va.	Starr, Ethel Densmore	
Sproul, Jeanne Anne	Va.	A.B. 1926, The George Washington	
Spruce, Frances	D.C.	University	D.C.
Spurr, Warren Franklin	D.C.	Starr, Selie	
Squire, Elinor	Minn.	A.B. 1940, Brooklyn College	Md.
A.B. 1925, University of Kansas		Startt, Thomas P.	D.C.
A.M. 1930, Presbyterian College of		Startzell, Dale Eugene	Greece
Christian Education		Stathopoulos, Spyros E.	Pa.
Squire, William Harry	D.C.	Stauffer, Clyde Andrew, Jr.	D.C.
Squires, Charles Lloyd	Pa.	Steck, Philip Clifford	

Stecker, Donald Max	D.C.	Stephens, Martha Roby	Md.
Stedman, Richard Guy	D.C.	Stephens, Wade Naisbitt	D.C.
Steece, Henry Emmet	D.C.	B.Mus. 1929, M.Mus. 1932, North-	
Steele, Ann Dewar	Colo.	western University	
Steele, Barbara Lee	D.C.	Stephens, William Theodore Md.	Md.
A.B. 1945, Bryn Mawr College		Stephenson, Charles Martin	D.C.
Steele, Carlos Perkins	Ohio	A.B. 1945, Washington Missionary	
Steele, Elroy, Jr.	D.C.	College	D.C.
Steele, Ira Ernest	D.C.	Stephenson, Earl Donald	D.C.
B.B.A. 1939, Texas Technological		Stergion, Mansica Constantin	D.C.
College		Sterling, Gisela	Md.
Steele, Irving Haas, Jr.	D.C.	Sterling, James Thaddeus	D.C.
Steenerson, Palmer Seymour	D.C.	Sterling, Milton Calvin	D.C.
Stoere, Robert Lindley	D.C.	Sterling, Richard Stanley	D.C.
Stehl, Edward II	D.C.	Sterling, Richard Thayer	Maine
Steidel, James Charles	Tenn.	Sterling, William Worton	D.C.
Steidler, Frank Edward	D.C.	Stern, Elaine Beverly	N.J.
Steiger, James Fredric	Pa.	Stern, Joshua	D.C.
Stein, Alice B.	Va.	B.S. 1935, College of the City of	
Stein, Charles	D.C.	New York	D.C.
B.S. 1934, Case School of Applied		Stern, Julian Bennett	D.C.
Science		Stern, Miriam Kate	D.C.
Stein, Charles Edward	D.C.	A.B. 1934, Hunter College	D.C.
Stein, Deborah	N.Y.	Stern, Sidney Jerome	Conn.
Stein, Eric	Ill.	Stern, Sylvia	D.C.
J.D. 1937, University of Prague		Sternglass, Ernest Joachim	
Stein, Harold Lawson	N.Y.	B.E.E. 1944, Cornell University	N.Y.
Stein, Herman	Va.	Sternglass, Lisa Jack	Md.
Stein, Jacob	D.C.	Stetson, Richard	Wis.
Stein, Julian	D.C.	Stetten, Edward J.	
Stein, Mordecai	D.C.	B.S. 1943, State Teachers College,	
Stein, Murray	N.Y.	Milwaukee, Wis.	Pa.
Stein, Orren Fischer	D.C.	Stevas, Alexander Louis	Va.
Stein, Ralph	D.C.	Stevens, Dewayne Boyard	D.C.
Stein, Stanley	N.Y.	Stevens, Dorothy Chedaker	D.C.
Steinbauer, Walter Henry, Jr.	D.C.	Stevens, Joan Isabelle	Mass.
B.S. 1947, Emory and Henry College		Stevens, John Cameron	Va.
Steinberg, Eileen Theresa	Va.	Stevens, John Clifford	Va.
Steinberg, Jacob David	D.C.	Stevens, Robert Burns	Va.
Steinberger, Hugh Marion	Md.	Stevens, Robert Fitzhugh	Pa.
B.S. 1941, University of Virginia		Stevens, Ross Coe	Va.
Steiner, Paul Lewyn	D.C.	Stevens, Wilbur George	D.C.
Steuert, Leif Magne Emil	D.C.	Stevens, Willard Lamont	Md.
Steines, Esther Bertha	D.C.	Stevens, Wynne Allan, Jr.	
A.B. 1946, The George Washington		A.B. 1910, College of William and	
University		Mary	Ind.
Steines, Marcella Louise	Mo.	Stevenson, Alice Louise	D.C.
Steinfort, Oliver Wallace	Va.	Stevenson, Charles Leroy	Ind.
Steinhardt, Marie Ryan	Va.	Stevenson, Olive Roberts	Md.
Steinhardt, Mary Janice	Ohio	Stevenson, Ruth Blackwell	D.C.
Steinhart, Leonard Murray	N.Y.	Stevenson, William Benson	Va.
Steinkolk, Rorer	D.C.	Stevenson, William Ross	Va.
Steinly, Paul Jay	W.Va.	Stewart, Anita May	D.C.
Steinmeyer, Robert Jay	Nebr.	Stewart, Anne Aileen	
B.S. in E.E. 1943, University of		B.S. 1917, University of Missouri	Va.
Nebraska		Stewart, Anne Marie	Va.
Stell, Jack Powell	D.C.	Stewart, Barbara Eilene	D.C.
A.B. 1938, Rice Institute		Stewart, Bernice Gay	Md.
Stell, William Marlin	Mont.	Stewart, Charles Todd, Jr.	W.Va.
A.B. 1943, The George Washington		Stewart, Charles William	Md.
University		Stewart, Clark Berry	Md.
Stellwagon, Barbara	D.C.	Stewart, David Alfred, Jr.	Va.
Stelzig, Lois Elaine	Minn.	Stewart, Duane Wilbur	D.C.
Stembler, Selma	Pa.	Stewart, Earl Edward	Okla.
Stengard, Edwin Oscar	Wis.	Stewart, Elijah King	Kans.
Stenger, Paul K., Jr.	Va.	Stewart, Hayes Gale	Va.
Steninger, John B.	Colo.	Stewart, Howard Hutchens	Va.
Stennis, Hampton James	Tex.	Stewart, Imbi Gertrude	D.C.
Stepanek, John James	Ill.	Stewart, Isaac Mitten	Md.
Stephan, Elsie G.	Ill.	Stewart, Jessica D.	
Stephens, Eugene Penley	Maine	A.B. 1916, Wellesley College	
Stephens, Jack Payne	Md.	LL.B. 1923, National University	
Stephens, John	Fla.		

Stewart, Kermit	D.C.	Stolar, Sydney Irving	D.C.
B.S. 1936, The George Washington University		Stolarski, C. Robert	Pa.
Stewart, Marshall L.	Md.	Stoll, Walter Arthur	D.C.
A.B. 1937, Oklahoma Agricultural and Mechanical College		Stone, Alice Claring	D.C.
L.L.B. 1938, University of Oklahoma		Stone, Barbara Nell	D.C.
Stewart, Mary	N.Y.	Stone, Bryce Douglas, Jr.	Va.
A.B. 1943, Swarthmore College		Stone, Clyde	D.C.
Stewart, Nellie Marguerite	Iowa	Stone, Elmer Arvil, Jr.	W.Va.
A.B. 1931, State University of Iowa		Stone, James Robert	D.C.
Stewart, Rodney Ward	Va.	Stone, Joseph Jack	D.C.
A.B. 1933, Carleton College		Stone, Karl Letter	Va.
A.M. 1934, University of Chicago		Stone, Katherine Stigemeyer	
Ph.D. 1938, Harvard University		A.B. 1935, A.M. 1937, University of Illinois	
Stibray, Louis Elaine	Va.	Stone, Luther Edward	Md.
A.B. 1942, The George Washington University		Stone, Marion Dolores	Va.
Sticht, Robert John	D.C.	Stone, Rose Louise	W.Va.
Stickle, Robin Love	D.C.	Stone, William John	N.Y.
Stickle, Ruth	D.C.	L.L.B. 1941, St. Johns University	
Stickle, Beaul Cleveland	Va.	Stone, William Leete	D.C.
Stickney, Herbert Camp	Miss.	A.B. 1945, Amherst College	
Stickney, Julia Hammewell	Md.	Stone, William Montgomery, Jr.	N.Y.
Stickney, Thomas James	Fla.	B.S. 1946, New York University	
Stidler, Beryl Loretta	Minn.	Stone, William Sebastian	Mo.
B.S. 1941, College of St. Scholastica		B.S. 1944, United States Military Academy	
Stielor, August Edward	Md.	M.S. 1948, California Institute of Technology	
Stiles, Kenneth	D.C.	Stoppelli, Louis Francis	N.J.
A.B. 1939, The George Washington University		Storch, Donald Case	D.C.
Stiles, Robert Sidney	Ala.	Storch, Dorothea deVerdery	N.Y.
Stull, Samuel Hutchins	S.C.	Storv, Elwyn Glenn	Tenn.
A.B. 1929, The Citadel		Stotler, Robert Cresap	Wash.
Stiller, Bertram	Md.	A.B. 1944, Stanford University	
Stillsell, Hamilton Purdy	Miss.	Stotler, Wilbur Eugene	D.C.
Stillsell, Homer Allison	D.C.	Stottemester, Francis Carl	Ill.
Stine, Mildred Catherine	Md.	Stutz, Martha	Mont.
A.B. 1943, A.M. 1945, The George Washington University		Stout, Carol Margaret	D.C.
Stine, Wilma Pearl	D.C.	Stout, Henry Wallace	D.C.
A.B. 1937, Western Reserve University		Stout, Jean MacDonald	Mass.
Single, Howard Ellsworth	Ind.	Stout, Mary Roth	D.C.
A.B. 1943, The George Washington University		Stovall, Dorothy Ruth	D.C.
Stirling, Cedric Warren	Va.	Stovall, Harry Eldridge	D.C.
Stirling, Dean Arthur	D.C.	Stovall, Jerome David	D.C.
Stitt, James Howard	D.C.	Stovall, Milton Alva	Ala.
Stivaletti, Maria Lucia	D.C.	Stovall, William Gilbert, Jr.	D.C.
Stock, William Starr	Pa.	Stover, Joseph Franklin	N.J.
B.S. 1937, Mt. St. Mary's College		Stowbridge, Donald Westmore	N.Y.
M.B.A. 1939, University of Pennsylvania		Stowell, John J.	
Stockard, Charles Geer	Va.	A.B. 1938, Syracuse University	
Stockbridge, Henry Patten	Va.	L.L.B. 1946, Harvard University	
A.B. 1930, Amherst College		Stoyanov, Sam	D.C.
Stockett, Robert Monroe	Va.	Strahan, Naomi Ardyce	D.C.
Stocking, Claudia Roberts	Va.	Stratton, Barbara Jean	Va.
B.S. 1929, A.M. 1931, Columbia University		Stratton, William David	Md.
Stockwell, Donald MacArthur	N.H.	A.B. 1933, University of Utah	
B.S. 1941, University of New Hampshire		A.M. 1937, Ph.D. 1941, Columbia University	
Stoddard, Mary Alice	D.C.	Stratton, Lawrence	N.Y.
Stoen, Royal Stanley	Va.	A.B. 1943, The George Washington University	
Stollman, Alice Joseph	Md.	Straus, Samuel	D.C.
A.B. 1945, Dumbarton College of the Holy Cross		Ph.B. 1927, A.M. 1931, University of Chicago	
Stoker, Martha Frances	Pa.	Straus, Iris May	D.C.
Stokes, Helen Marie	Va.	Stratton, William S.	Va.
Stokes, K. Celeste	D.C.	L.L.B. 1942, Ph.D. 1944, University of Wausau, Germany	
Stokes, Susanne	Md.	Streb, Samuel Stephen	D.C.
Stokes, Allen David	D.C.	Stueeter, Noble Mason, Jr.	D.C.
Stolar, David Maurice	D.C.	Streets, Lucille B.	Idaho
		A.B. 1943, Goucher College	
		Streets, Ronald Emerson	D.C.

Streett, Burnett Irving	D.C.	Sugg, Ronald Earl	D.C.
Strein, Arthur Norman	Pa.	Sugg, William Leonard	N.C.
Streinz, Clara Julia	Pa.	Sukalo, Charles	D.C.
Striblings, James Madison	S.C.	B.S. 1944, Newark College of Engi-	
Strickland, Lawrence Gordon	D.C.	neering	Pa.
Strickland, Ransom Edward	Va.	Sulak, Anne Rose	D.C.
Strickler, Frank H.	D.C.	Sullivan, Arthur Victor	D.C.
A.B. 1941, The George Washington		Sullivan, Charles Andrew	R.I.
University		Sullivan, Charles Xavier	Va.
Strickman, Louis	N.Y.	Sullivan, Craig Kiefer	Va.
Strieter, William Leo	D.C.	Sullivan, Don Michel	D.C.
Stringer, Sue Evelyn	Ky.	Sullivan, Dorothy Pearsall	B.C.
Stringham, Gale Smedley	D.C.	Sullivan, Eugene Francis	Nebr.
Strohmeier, John	Pa.	Sullivan, Eunice Eileen	Mass.
Stromberg, Marvin Oscar	Nebr.	B.S. 1943, The George Washington	
A.B. 1943, The George Washington		University	D.C.
University		Sullivan, Iris Maxian	D.C.
Stromawold, Hugh Charles	Va.	Sullivan, John Christian	Vt.
Strong, William Ronald	D.C.	Sullivan, Kathleen Veronica	Md.
Strosnider, Fred B.	D.C.	Sullivan, Laurence Edward	D.C.
Strother, Calvin A.	Okla.	Sullivan, Mary Agnes	
Strother, Greenville Kash	D.C.	B.S. 1935, Mississippi Southern	
B.S. 1943, Virginia Polytechnic Institute		College	Md.
Stroud, Doris Lucia	Mass.	Sullivan, Patricia Anne	D.C.
Stroup, James	Okla.	Sullivan, Robert Francis	D.C.
Stroup, Windsor William	D.C.	Sullivan, Robert Maurice	D.C.
Stroupe, Lawson Sidney	Va.	Sullivan, Robert P.	D.C.
Strub, Norbert George	Va.	Sullivan, William Cornelius	
Struble, Alden Herman	D.C.	A.B. 1936, American University	Md.
Strugatz, Seymour	N.Y.	Sullivan, William Franklin	Va.
Strunk, Robert Wesley	N.Y.	Sult, Ernest Paul	N.Y.
B.S. 1938, State Teachers College,		Summer, Leonard	
Buffalo, N. Y.		B.S. 1933, M.S. 1938, College of the	
Strupp, Hans Hermann	D.C.	City of New York	D.C.
A.B. 1945, The George Washington		Summerlin, Virginia Vandergrif	
University		A.B. 1946, The George Washington	
Strupp, Werner	D.C.	University	Md.
Stuart, Fred Wohlwend	Va.	Summers, Anne Theresa	Va.
Stuart, Jasper Edwin	Va.	Summers, Charles Russel	
Stuart, John Bruce, Jr.	Va.	A.B. 1936, A.M. 1938, State College	
Stuart, Kenneth Earl	Ind.	of Washington	D.C.
Stubblefield, Jane Macy	D.C.	Summers, Edward Lee	Fla.
B.Ed. 1939, Illinois State Normal		Summers, Elson Morrington	D.C.
University		Summers, George Ethan	
Stubbs, Lewis Glenn	Va.	A.B. 1942, Marshall College	Va.
Stuche, Adela L.	D.C.	Summers, George Nixon	D.C.
Stuckey, Mary Lucia	S.C.	Summers, John Marvin	D.C.
Studdart, Kathleen Mary	Minn.	Summers, Mary Jane	D.C.
Studer, Harold Robert	S.C.	Summerson, Mona D.	D.C.
A.B. 1939, Huron College		Sunday, Barbara Shaw	
Stull, Geraldine Merian	Md.	A.B. 1945, University of Delaware	Pa.
Stultz, Norman Frederick	Mass.	Sunday, Elmer George, Jr.	Md.
Stuntebeck, Margaret E.	Ky.	Sunde, Tah-Wee-Nah Mackley	D.C.
Sturm, Nicholas James	Va.	Suntay, Aurora Silvia	Va.
Sturtevant, Alderic Clarence	Md.	Supinger, Mary Katherine	
Stutman, David	D.C.	A.B. 1938, Flora Macdonald College	Md.
Stutz, Frank August	D.C.	Suppos, Joan Louise	D.C.
B.S. 1931, Lehigh University		Surali, Frank Paul	
A.M. 1940, The George Washington		A.B. 1941, University of Tennessee	D.C.
University		Surasky, Bernard Arthur	D.C.
Suber, James Whitley	D.C.	Sures, Allan Herbert	
B.S. 1928, Mississippi Agricultural and		A.B., B.S. 1940, The George Wash-	
Mechanical College		ington University	D.C.
A.M. 1930, The George Washington		Sures, Bebe	D.C.
University		Sures, Charles Stanley	D.C.
Suber, William Ellis	Va.	Sures, Ruth Ann	
Sudnik, Louis Frederick	Mass.	A.B. 1946, The George Washington	
B.S. 1941, United States Coast Guard		University	D.C.
Academy		Sures, Sidney Bernard	Mass.
Sue, Norman	Wis.	Surgen, Henry Ronald	D.C.
Sugar, Bernard	Md.	Surgen, Raymond Charles	D.C.
Sugar, Claire	D.C.	Surine, Robert Travis	D.C.
Sugar, Harold Samuel	D.C.	Surowitz, Irene S.	

Sussholz, Leonard B.	Md.	Switzer, Walter Edwin	Ill.
Sussman, Joshua	D.C.	B.Ed. 1940, Illinois State Normal University	
Sustrick, Anne Mae	Colo.		
Suthard, Katie Deuel	Va.	M.S. 1941, University of Illinois	Mo.
Sutherland, Dorothy Gail	Va.	Swope, Harold Carl	D.C.
Sutherland, Joel J.	Va.	Sworzyn, Marilyn Davis	
Sutherland, William Robert	D.C.	A.B. 1943, Connecticut College	N.J.
Sutton, Harold Griffith, Jr.	Md.	Sylvester, Eugene Paul	Wyo.
Sutton, Marion Lois	D.C.	Syme, Robert Haldane	
Sutton, Robert G.	Kans.	B.S. 1945, University of Wyoming	Mass.
Suverkrup, Maryjo	Nev.	Syme, Suzanne Burgess	D.C.
Svasti, Yudhistira	D.C.	Symes, John Thomas, Jr.	
A.B. 1940, Cornell University		A.B. 1941, Hamilton College	N.C.
Svedberg, Barbara Jean	Va.	Symmes, Courtland	N.C.
Svensen, Norman Ellwood	D.C.	Symmes, Harrison Mathews, Jr.	
Svete, Evelyn Carroll	Ohio	A.B. 1942, University of North Carolina	D.C.
Swan, Edward Parsons	D.C.	Sypult, Susan Jane	Va.
B.S. 1937, Massachusetts State College	D.C.	Szadokierski, Roland Stephen	Ohio
Swan, Elizabeth Bernice	Wash.	Szalay, Margaret Barbara	D.C.
Swan, Robert E.		Szerba, Metru Michael	N.J.
B.S. 1939, College of Puget Sound	D.C.	Szololszky, Joseph Steven	
Swann, Carter Holman	D.C.		
Swann, Charles Ebel	Md.		
Swann, Eugene Francis	Kans.		
Swanson, Betty Anne	Md.		
Swanson, Lawrence M.	Minn.		
Swanson, Ragnar Gosta	Mass.		
Swanson, Robert Warnick	Mo.		
Swanson, Robert Weber	D.C.		
Swanson, Roland Carlos	Ill.		
Swanston, Charles William	Va.		
Swarthout, Gerard, Sr.	D.C.		
Swarthout, Marthe C. P.	D.C.		
Swarthout, Jean Iona	D.C.		
Swartz, Dorothy Lucille	Iowa		
Swartz, Eugene	D.C.		
Swatsky, Anthony S.	Pa.		
Swayze, Roy Albert	Va.		
Sweeney, Robert Dale	Iowa		
Sweeney, Tiny W.	Va.		
A.B. 1931, University of Texas	Va.		
Sweeney, Edward Ammy	W.Va.		
Sweeney, John Daniel			
A.B. 1936, Marietta College			
L.L.B. 1940, Georgetown University	D.C.		
Sweeney, John James	D.C.		
Sweet, Henry	D.C.		
Sweet, John Manko	D.C.		
Sweet, Leonard Ralph	Mass.		
Sweet, Samuel Yancey	Va.		
Sweet, William John	Ohio		
Swenson, Dale Abbott	Utah		
Swenson, Martin Steig	D.C.		
Swenson, Nella Jean	D.C.		
Swetnam, George Dayton	Wash.		
Swiderski, Anne J.	N.Y.		
Swift, Barbara Perry	D.C.		
Swift, Douglas McKean	Va.		
B.S. 1934, United States Naval Academy			
Swigam, George Thomas	D.C.		
Swiller, Sydney	N.J.		
Swim, Allen Edward	Ill.		
Swins, Patricia Mary	D.C.		
Swingle, Kenneth Fenby	D.C.		
Swink, Garvin Aubrey, Jr.	D.C.		
Swinson, Harriett Anne	Va.		
Swinson, Mildred E.	D.C.		
A.B. 1945, The George Washington University			
Switney, William	Pa.		

The University Record

Theroux, George Frederick	Va.	Thompson, Lois Marie	D.C.
A.B. 1941, University of Utah		Thompson, Lucius Fred	Ga.
Therrien, Shirley Elizabeth	Maine	Thompson, Mines Gilbert	D.C.
Thievenau, Esther Blanche	Iowa	Thompson, Paul B.	D.C.
Thibadeau, Andrew Francis	Md.	Thompson, Philip Adams	Va.
Thiel, LaVerne Ralph	D.C.	Thompson, Ralph Franklin	Va.
Thieler, Philip Marie	Ill.	Thompson, Robert Louis	Ohio
Thomas, Allan Maxwell	Md.	Thompson, Russell Claude, Jr.	Va.
Thomas, Charlotte Zoe	Va.	Thompson, Sidney N., Jr.	Md.
Thomas, Donald Wayne	D.C.	Thompson, Vernon Leroy	D.C.
Thomas, Earl Annah	D.C.	Thompson, Warren Leo	D.C.
Thomas, Earl Griffith	Va.	Thompson, William Blake	Ill.
Thomas, Elizabeth Jane	Pa.	Thompson, William Wayne, Jr.	D.C.
Thomas, Frank J.	D.C.	Thompson, Winifred Grace	Mich.
A.B. 1943, The George Washington		Thoms, Bert	Mich.
University		Thoms, Josephine Bowers	
Thomas, Frederick Hendrix	D.C.	A.B. 1944, Hillsdale College	Ky.
Thomas, Gay Trevor	England	Thomson, Martin C., Jr.	Va.
Thomas, Harold Arthur	Va.	Thomson, Robert Lee	N.Y.
Thomas, Helen	D.C.	Thomson, Robert Marshall	Vt.
Thomas, Howard Adams	Va.	Thomson, Talmage Mauben	
Thomas, Howell Garrone, Jr.	D.C.	A.B. 1942, Brigham Young University	D.C.
Thomas, James Louis, Jr.	Md.	Thorn, Patricia Alice	D.C.
Thomas, James Virgil	D.C.	Thorne, Charles Harry, Jr.	D.C.
Thomas, James William	W.Va.	Thorne, Kathleen Meyers	D.C.
Thomas, John Benton	Del.	A.B. 1926, Syracuse University	D.C.
Thomas, Juanita Carter	Fla.	Thorne, Susan	D.C.
B.S. 1939, Georgia Teachers College,		Thornley, Robert Miller	D.C.
Collegeboro		Thorton, Robert Donald	N.C.
Thomas, Lottie C.	D.C.	Thorton, Percy, Jr.	Va.
Thomas, Mary Jo	W.Va.	Thorton, William Milo	D.C.
Thomas, Paul Augustus, Jr.	Pa.	Thorton, John Richard	D.C.
Thomas, Richard Opden	D.C.	Thornvenin, Violette Elsa	
Thomas, Robert Edward Lee	D.C.	A.B. 1944, Hunter College	
A.B. 1934, University of Hawaii		A.M. 1945, Columbia University	D.C.
Thomas, Robert Kinnberg	Va.	Thritt, John Willis	D.C.
Thomas, Walter Ellison	Ill.	Throckmorton, Neville I.	D.C.
Thomas, William Clinton	D.C.	Throne, Arthur, Jr.	
Thomas, William Henry Baldwin	D.C.	B.S. 1939, State Teachers College,	
Thomason, Hugh Maxson	Ga.	Midwaukee, Wis.	D.C.
Thomasson, Harold Brodie	Va.	Thronen, Cleo Vernon	D.C.
Thomasson, Mary Magdalene	D.C.	Thuman, Kenneth Ray	Va.
Thompson, Adalena Ruth	Md.	Thuman, Alice Merritt	Va.
Thompson, Albert Lacy	D.C.	Tibben, Elaine LaDonna	Mo.
Thompson, Betty Ann	Va.	Tibbets, Robert Cash	D.C.
A.B. 1946, The George Washington		Tibbitt, William John	Va.
University		Tibbitt, David Winship	
Thompson, Clive Newton, Jr.	D.C.	B.M.E. 1945, University of Virginia	Va.
Thompson, Cynthia Nell	Ohio	Tibbitt, Glenn Lumpkin	Va.
A.B. 1942, Oberlin College		Tichenor, Marjorie Ann	N.C.
Thompson, David Lethrop	Va.	Tickett, Lobe Carlton	N.C.
Thompson, Delbert Addison	D.C.	Tickett, Francis Bonner	D.C.
Thompson, Delmar Lee	D.C.	Tickett, William O.	D.C.
Thompson, Donald Richard	Ark.	Tickett, Howard Erwin	Md.
Thompson, Edwin Lee	D.C.	Tidder, Harold Stanley	Va.
Thompson, Eleanor Hanson	D.C.	Tiedemann, Frank Henry	
A.B. 1943, Wellesley College		B.B.A. 1943, College of the City of	
Thompson, Elizabeth Anne	D.C.	New York	Mich.
Thompson, Florence Louise	N.Y.	Tiefel, Paul Martin	
B.S. 1928, Elmira College		B.S.E. 1946, University of Michigan	D.C.
Thompson, Frank Revell	Va.	Tierney, John Francis	D.C.
Thompson, Garland Parnell	S.D.	Tierney, John Joseph	N.Y.
Thompson, Genevieve Anna	D.C.	Tiche, John Francis	D.C.
Thompson, Geraldine	Orce.	Tilley, Emerson Scott	Maine
Thompson, Harry Francis	Va.	Tilley, Roger B.	
Thompson, Henry Haylock, Jr.	Md.	A.B. 1937, Colby College	Md.
Thompson, Honora Firmadec	D.C.	Tilley, William Reeves	
A.B. 1944, Bryn Mawr College		B.S. 1942, University of Maryland	D.C.
Thompson, James Douglas	Md.	Tillinghast, Edward Patterson, Jr.	D.C.
Thompson, Jewell May	D.C.	Tilson, Paul Lambert	
Thompson, Julia Alyce		B.S. 1938, M.S. 1940, Massachusetts	
A.B. 1941, Georgetown College		Institute of Technology	D.C.
Thompson, Laura Josephine	D.C.	Tilton, John Snyder	

Timberlake, George Taylor	Va.	Toplitzky, Dorothy	N.Y.
Timbie, Donald Nute	Mass.	A.B. 1944, Brooklyn College	D.C.
B.S. in E.E. 1939, Massachusetts Institute of Technology		Toporek, Milton	
Timin, Richard C.	N.Y.	A.B. 1940, Brooklyn College	Wis.
Timmins, Joseph Edward, Jr.	Va.	Toppings, Polly Joy	
Timmons, Robert Lee	D.C.	B.S. 1946, University of Wisconsin	D.C.
Timms, Robert James	D.C.	Torcaso, Roy R.	Ill.
Tinkelenberg, Albert David	D.C.	Tordella, Louis William	
Tinkle Marvin Conrad	Va.	B.S. 1933, A.M. 1935, Loyola Uni- versity	
Tinsley, Thomas David	Ark.	Ph.D. 1939, University of Illinois	D.C.
Tinter, Lillian	D.C.	Toregas, Diane Dolores	D.C.
Tipton, Amy Thompson	D.C.	Torgerson, Jean Tate	
Tipton, Harold Edward	D.C.	A.B. 1937, University of Wisconsin	Va.
Tirado-Colon, Joan	D.C.	Torney, Margaret June	N.Y.
Tisachny, George Jacob	D.C.	Tornillo, Gertrude	P.R.
Tischbain, Sally Ann	Conn.	Toro, Rafael Andres	
Title, Irwin	N.Y.	B.S.A. 1921, University of Puerto Rico	
Titone, Charles F.	Md.	M.S. 1925, Cornell University	
Titrination, George Frank, Jr.	Md.	A.M. 1936, Harvard University	P.R.
Tittler, Walter Wayne	Va.	Torres-Cortes, Miguel	
Titus, Randolph Lee	D.C.	A.B. 1940, University of Puerto Rico	P.R.
A.B. 1936, Columbia University		Torres, Luis	
To, Kuo Chu	Md.	A.B. 1935, University of Puerto Rico	D.C.
Toal, John Wayne	D.C.	Torres, Manuel Argimiro	N.Y.
Toal, Vincent James	Ohio	Toseano, Peter Ralph	D.C.
Tobias, Ida Jeanne	D.C.	Totten, Isabel Ann	N.J.
Tobias, James Howard	Va.	Totten, John Osborn, Jr.	Conn.
Tobin, Margaret Catherine	D.C.	Toupas, Elizabeth Mary	Conn.
A.B. 1935, Cornell University		Towne, Shirley Nelson	D.C.
Tobin, Ralph Aloysius	D.C.	Townsend, Charles Eby	D.C.
Todd, Barbara Ann	Wash.	Townsend, Eileen May	Mass.
Todd, Lazarus Houston	Va.	Townsend, Robert Arnold	
B.S. in C.E. 1934, University of Alabama		B.S. 1943, Harvard University	N.Y.
Toel, Myra Nan	D.C.	Towsley, M. Henrietta	Maine
Tolany, Benedict Francis	N.Y.	A.B. 1943, Mount Holyoke College	D.C.
Toffolo, Dominic Samuel	D.C.	Tozier, Alvin Ozro	D.C.
B.F.E. 1944, The George Washington University		Trabb, Ralph	N.Y.
Toft, Beritt	Iowa	Tracey, John Charles, Jr.	Maine
Togias, Peter A.	D.C.	Tracy, John Joseph	Wyo.
Tolani, Alma Jean	Va.	Trafton, Iona	D.C.
Tolleisen, Evelyn Frances	Calif.	Trail, Reo Clinton	
Tolleison, Carlos Lee	D.C.	Traina, Dominick Robert	Md.
Tolley, Adrian Barclay, Jr.	S.D.	B.S. 1942, University of Maryland	Wis.
Tolliver, Robert James	D.C.	Trainer, Robert Frazer	D.C.
Tolmach, Myra Lee	D.C.	Trainer, Mabel Oakley	N.Y.
Tolman, Mary Chase	N.Y.	Trattner, Emil	D.C.
Tomasulo, Marion Cecilo		Traunfeld, Max	Ill.
A.B. 1941, Hunter College	Pa.	Travaglini, Vincent D.	S.C.
Tomei, Anthony Albert	Va.	Travelstead, Charles Eugene	Va.
Tomkins, Charmian Ettinger	Ohio	Travnham, Paul Franklin	Va.
Tomkins, Leonard George	Colo.	Traylor, Harry Eldridge, Jr.	Va.
Tomkins, Rathvon McClure		Traylor, James Edward	Md.
A.B. 1935, University of Colorado		Treadway, Leon Wesley	
Tomkinson, Charles Joseph	Iowa	Treake, Hugh Charles	Ohio
Tomkinson, John George	Iowa	B.S. 1941, University of Maryland	Tex.
Tomlinson, William Barrington	N.I.	Treasure, Ruth Virginia	N.Y.
Tomsen, Mary Margueritte	Calif.	Trees, Jack Ragland	D.C.
Tonry, Ruth Rebecca	D.C.	Trentacosti, Rosario Charles	D.C.
B.S. 1940, West Virginia University		Trevillian, Ann Jefferson	D.C.
Toole, Wilbert Walter	Va.	Tribbe, Richard Stewart	D.C.
B.S. 1941, Central Missouri State Teachers College		Trible, William MacLohan	
Toomey, Marion Cecelia	D.C.	A.B. 1945, Princeton University	Va.
Toomey, William Dennis	N.D.	Trice, James Rufus, Jr.	Va.
A.B. 1943, St. John's University		Trick, Wilkins Mitchell, Jr.	D.C.
Toompas, Charles Arthur	W.Va.	Trickett, George Waldeck	Ky.
A.B. 1938, West Virginia University		Trimble, Eugene Earl	D.C.
Toothman, Robert Johns	D.C.	Trimble, Mary Allan	D.C.
		Trimble, Mary Margaret	Okla.
		A.B. 1939, Oklahoma College for Women	

Trinkaus, William Krueger	Va.	Tully, Frank Arthur, Jr.	Va.
A.B. 1935, Drew University		Tully, Jean Alice	Va.
A.M. 1946, New York University		Tully, Pat Anne	D.C.
Triplett, Daniel Cleveland	D.C.	Tumarkim, Janet Beverly	N.J.
B.S. 1943, University of Maryland		Tupper, Carolyn Regina	D.C.
Triplett, Robert Samuels	Ky.	Turberville, Alice Atwill	Va.
B.S. 1940, University of Kentucky		B.S. in Ed. 1942, Mary Washington College	
A.M. 1943, University of Chicago		Turberville, John Harold	Va.
Tippe, Robert Jefferson	D.C.	Turcashevich, Elena B.	D.C.
Triviz, Edward Ernest	N.M.	Turchen, Roy	D.C.
A.B. 1942, New Mexico College of Agriculture and Mechanic Arts		Turnbull, Jean Frances	D.C.
Troiano, Frank Anthony	N.Y.	Turnbull, Jenny Emsley	Md.
Trolson, Faye Eleanor	Tenn.	A.B. 1930, The George Washington University	
Tropini, Leonard Adolph	N.Y.	A.M. 1941, Columbia University	Va.
Trossbach, Barbara Dakota	D.C.	Turner, Catherine	Va.
Trost, Edward Jerome	N.Y.	Turner, Charles S.	D.C.
A.B. 1941, University of Michigan		Turner, Daisy Griffin	Md.
Trott, David Crooker, Jr.	Md.	Turner, Edward Clarence	
Trotter, Bernard Eugene	D.C.	B.S. 1943, University of Maryland	Md.
Trotter, Thomas Kenneth	Va.	Turner, Frank	
Trotter, William Hall	D.C.	B.S. 1927, United States Naval Academy	
Troy, Jerome Patrick	Mass.	Turner, Frank Keech	Md.
A.B. 1939, Boston College		Turner, Hilda	Va.
Trucker, Dundas Preble	N.Y.	Turner, Hugh Wesley	Va.
B.S. 1926, United States Naval Academy		Turner, John Junius	Tex.
M.S. 1934, Harvard University	Va.	B.S. 1942, University of Texas	
Trucks, Elizabeth McWane	D.C.	Turner, Laura Lucille	D.C.
Truesdell, Duane Earl		Turner, Mary Carolyn	Ill.
B.S. 1943, University of Washington		Turner, Mary Johnston	D.C.
Truett, Richard Martin	D.C.	Turner, Mary Joy	S.C.
Trueworthy, Orson	Va.	Turner, Netta Elizabeth	D.C.
B.S. 1936, Wilson Teachers College		Turner, Paul Alfred	D.C.
A.M. 1940, The George Washington University		Turner, Virginia Fleetwood	Va.
Turnball, Robert Gay, Jr.	Va.	Turner, William Lewis	Va.
Trump, Raymond Ernest	D.C.	Turney, Jeanne	Va.
Truskowski, Raymond Louis	D.C.	Turquist, Ruth E. C.	Va.
Trussell, Galen Douglas	D.C.	Turrell, Dorothy P.	Md.
Trussell, Howard Marshall	Md.	Turton, Edward Arnold	Tex.
B.S. 1942, University of Missouri		A.B. 1942, The George Washington University	
Tsao, Peter Yao Shang	D.C.	Tusing, Thomas William	Va.
Tsao, Kyoung-Nyi	D.C.	B.S. 1942, The George Washington University	
Tsukahira, Lilly Yuri	Va.	Tuttle, Dorothy Lorne	Md.
Tuberty, John Patrick Fox	Pa.	Tuttle, George Kenneth	D.C.
A.B. 1946, Lehigh University		Tuttle, Lloyd William Henry	Md.
Tucci, Mary Grace	Mass.	Twiss, Lawrence Edward	Calif.
Tuchmann, Norman	Conn.	Twitchell, Hamilton Austria	Va.
Tuck, John Shearer	D.C.	B.S. 1935, United States Military Academy	
Tucker, Frank William	Conn.	Tyler, Ellery Eugene	Ind.
Tucker, Grace Viola	D.C.	Tym, Leon	Ill.
Tucker, Jahna	Fla.	LL.B. 1941, Washington College of Law	
Tucker, Lenore	D.C.	Tyson, Clifford Wayne	D.C.
Tucker, Nancy Jane	D.C.	A.B. 1941, The George Washington University	
Tucker, Ruth Maurice	D.C.	Tyson, Jean Carol	Fla.
Tucker, Samuel Marion	D.C.	Tzarnes, Anne	D.C.
B.S. 1926, United States Naval Academy		Tzarnes, Christ	D.C.
M.S. 1936, Harvard University		Tzevokov, Alexander Nicolavich	D.C.
Tucker, Simon	Va.		
B.S.S. 1940, College of the City of New York			
M.P.A. 1943, New York University			
Tucker, William Clarke	Va.		
Tucker, William Fletcher	D.C.		
Tuckman, Charles William	N.Y.		
Tugenshaft, Robert Irwin	D.C.	U	
Tulchin, Henry	D.C.	Ubben, Lucile Emma	Iowa
B.S. 1940, College of the City of New York		Uffelman, Karl Frederick	Va.
Tull, Robert Lewis	D.C.	Uhl, Charles Christian	Md.
Tulley, Gertrude Day	D.C.	Uhlinger, Percy Edward	Va.
		Ulask, Henry Thomas	D.C.
		Ulrich, John Francis	Pa.

Ulrich, Robert James	Wis.	Vandoren, Patricia Anna	D.C.
Umar, Yassin	D.C.	Vangelderen, Bertha Elizabeth	D.C.
A.B. 1944, The George Washington University		Van Gombos, Catherine Mary	Ohio
Umbel, Naomi Kathryn	Pa.	Van Haverbence, Alfred Edward	Conn.
Umhan, John Bernard	D.C.	Van Houten, Erskine Blaurett, Jr.	N.Y.
Umstead, Lyman John	Pa.	Van Natta, Kathryn Shelton	D.C.
Uncles, John Franklin	Mass.	B.S. in Ed. 1934, Central Missouri State Teachers College	Fla.
Underwood, Harry John	Mich.	Van Neste, Wilbur Lane	Colo.
Unger, Howard Robert	Pa.	Van Pelt, Roderick George	Va.
Unger, Irving Lance	N.Y.	Van Sanford, Gordon Myron	N.J.
Unzicker, Roy Kenneth	D.C.	Van Sant, William C.	Va.
Upham, John Dale	Okl.	Vansickle, Walter Lawrence, Jr.	W.Va.
B.S. 1936, University of Oklahoma		Van Slyke, James Kermit	Ohio
Upshur, Giles Crowder, Jr.	Md.	Van Staden, Evelyn Veronica	D.C.
Upton, Emily Frances		Van Staden, George Arthur	Md.
B.S. 1946, University of Maryland	Iowa	Van Story, Eloise Peterson	Md.
Urbany, Maryl Emily	D.C.	Van Story, James Cornelius	D.C.
Urie, Olga	Md.	VanSwearingen, Earl Kendall	D.C.
Urie, William Arthur		B.S. 1927, United States Naval Academy	
A.B. 1939, Washington College	Venezuela	Van Uitert, LeGrand Gerard	D.C.
Urreiztieta, Ismael	Venezuela	Vanzandt, Juanita Seay	Ky.
Urreiztieta, Oscar Agustín	Venezuela	Varick, Lawrence	N.J.
Urreiztieta, Salvador Thomas	D.C.	Varoutsos, Paul George	Va.
Urey, Richard Foley	D.C.	Vartabedion, Dorothy Margaret	D.C.
Ustun, Semih Aydemir	D.C.	Varvaressos, Yvonne	D.C.
Utrecht, Frederick William, Jr.		Vasa, Vladimir	Pa.
		Vasil, Michael	Pa.
		Vasko, Margaret Louise	D.C.
		Vass, George Oakley	D.C.
		Vass, Richard Branson	D.C.
		Vassiliades, Vassiliki Apostolides	D.C.
		Vaughan, Eleanor James	
		B.S. 1941, University of Maryland	Iowa
		Vaughan, James Morris	
		A.B. 1942, Iowa State Teachers College	
		Vaughan, Janet Lyle	Va.
		Vaughan, Kenneth Lang	N.Y.
		Vaughan, Leonard Walton	Va.
		Vaughan, Margaret	D.C.
		Vaughan, Frances M.	D.C.
		Vaughn, Thelma Ruth	Wash.
		Vaughn, Victor Armand	S.C.
		Vaughn, Walter George	M.I.
		Vavy, Willis Leavelle Worth	N.C.
		Veasey, Martha Lois	M.I.
		Veily, George Grover	Tex.
		Vela, Edward Camilario	D.C.
		Velez, Delores Catalina	
		B.S. 1943, St. Joseph's College	Mich.
		Veljkoo, Nora	D.C.
		Vellenga, Louis Charles, Jr.	D.C.
		Venczky, David Lester	Mass.
		Veno, Esther Genevieve	D.C.
		Vergara, Pedro V.	
		A.B. 1931, A.M. 1934, University of California	N.Y.
		Vernoff, Samuel	N.Y.
		Vernov, Mary Elizabeth	
		A.B. 1946, New York State College for Teachers, Albany	Ore.
		Verry, Edith Louise	Ohio
		Verssen, Guerrier Albert	N.J.
		Verta, James	Finland
		Vesamaa, Kaija Kyllikki	N.Y.
		Vespole, Michael James	Md.
		Vetter, Melita Imelda	

V

Vaccaro, Camillo Jimmie, Jr.	D.C.
Vache, Barbara Marie	Ohio
Vail, Earl L.	Md.
A.B. 1929, Gettysburg College	
A.M. 1934, University of Pittsburgh	
Valae, Peter John	D.C.
B.S. 1935, University of Maryland	
Valby, Robert Martin	D.C.
Valenti, Grace Josephine	D.C.
Valentia, Alaric William	Pa.
B.S. 1939, University of Virginia	
Valentine, Alberta Enderle	D.C.
A.B. 1945, The George Washington University	
Valentine, Garrett Hobart	Tenn.
B.S. 1940, Wake Forest College	
Valentino, Joseph Ralph	Va.
A.B. 1937, Bucknell University	
Valenzi, Louise Mary	N.Y.
Valeri, John Roland	Pa.
B.S. 1942, Villanova College	
Valhe, Valhe	D.C.
Valis, Harold John	Va.
Vallarino, Joaquin Jose	D.C.
M.D. 1911, University of Pennsylvania	
Vallarino, Roberto, Jr.	D.C.
Vallen, Hilda Sarah	Va.
Valone, Jeanne Catherine	D.C.
Valore, Patricia Tercero	D.C.
Van Allen, Roland Louis	Va.
Van Atta, Glen Benjamin	D.C.
Vance, Harrell Taylor, Jr.	Ala.
A.B. 1945, The George Washington University	
Vance, John Thomas	D.C.
Vance, William Frank	D.C.
A.B. 1941, Birmingham-Southern College	
Van Deine, Norma Mildred	Md.
Vanderpo, Jack	D.C.
Van Dewark, Clara Harriet	D.C.
Van De Water, Malcolm Stickie	Fla.

Veserka, Mary Roberta	D.C.	Voorhees, Virginia Gail	Pa.
Vin, Ernest Gray, Jr.	Va.	A.B. 1946, Western Maryland College	
Vin, Ernest Adlene	D.C.	Voorhies, Dorothy Mae	Mich.
Vincent, Mary Marguerite	D.C.	Voorhies, Jean B.	Mass.
Vincent, Dominica Joseph	D.C.	A.B. 1944, Radcliffe College	
Vincent, Frances Ethel	Ala.	Vorder, Brinkley Howard J.	D.C.
Vincent, Oliver Dutton	Calif.	Vorhees, Alexander	D.C.
Vincent, Howard Merton	Va.	Vosmek, Francis Joseph	Md.
Vincent, John Evans	N.Y.	Voyatzki, Jenny	D.C.
Vincent, Mary Anne	D.C.	Vraniches, Helen	
Vin, William Frederick	D.C.	A.B. 1944, The George Washington	
Vinson, Helen Aileen	D.C.	University	D.C.
Vintcent, Jessa Ramon	Va.	Vroom, Oliver Evans	Md.
Vintcent, Ernest Gonzales	D.C.	Vulliamy, Gerald Arthur	
Villberg, Oscar Milton	D.C.	B.C.E. 1929, Louisiana State Uni-	
Vinag, Edward Anthony	N.Y.	versity	Wash.
Vincent, Mary Ellen	D.C.	Vytlačil, Nicholas	
Vincent, Nanette Levine	Va.	B.S. 1917, United States Naval	
Vincent, Ronald Charles	Va.	Academy	
B.S. 1943, University of Maryland		M.S. 1924, Columbia University	
Vincent, Warren Hubert	D.C.		
Vine, Carolyn	Conn.	W	
Vine, Florence Marie	W.Va.		
Viner, Anita	D.C.	Wack, Richard Francis	D.C.
Vinn, John, Jr.	Calif.	Wadden, Edwina Pou	D.C.
B.S. 1947, University of California		Wade, Clarence, Jr.	D.C.
Vinograd, Arthur	Va.	Wade, Ernest George	D.C.
B.S. 1935, M.E. 1936, College of the		Wade, Lawrence John	Md.
City of New York		Wade, Pearson	Ill.
Violette, Homer Eugene	Va.	Wade, Richard Rudolph	D.C.
Viviant, Rupert Alan	Va.	Wadman, Alton Justin	Mass.
Vinga, Elizabeth Catherine	Md.	Wadsworth, Margaret	D.C.
Vivintaster, Anne Benedicta	Pa.	Wadsworth, May Elizabeth	Va.
Vitale, Michael Joseph	N.J.	B.N. A.M. 1942 Boston University	D.C.
Vitale, Nicholas Augustine	Va.	Waggonheim, Zelik	Va.
Vito, Marie Jennie	D.C.	Wager, Albert Leslie	D.C.
Ph.B. 1934, Northwestern University		Wagman, Evelyn L.	
Vize, Alma Roscoe	Wash.	Wagman, Mabel Harold	Mass.
A.B. 1941, The George Washington		Wagman, Theodore David	
University		A.B. 1939, A.M. 1940, Boston	
Viet, Leland Arthur	Va.	University	
A.B. 1941, The George Washington		Wahler, Arthur Philip	D.C.
University		Wagner, Harry L.	D.C.
Viet, Mary Louise	Va.	Wagner, Harry Mahlon	D.C.
B.S. 1946, The George Washington		Wagner, John Oliver	Va.
University		Wagner, Joseph Frank	D.C.
Vielpel, Jack C.	D.C.	Wagner, Mary Gertrude	D.C.
Viel, Bertram Marvin	D.C.	A.B. 1944, The George Washington	
Viel, George P.	D.C.	University	
Viel, Seymour	N.Y.	Wagshal, Jerome Stanley	D.C.
Vogelhuber, George Curtis, Jr.	Ohio	Wahl, Elizabeth	Ill.
B.S. in Ed. 1917, Ohio State Uni-		A.B. 1937, The George Washington	
versity		University	
Vogt, Vivian Mae	N.I.	A.M. 1939, University of Oregon	Va.
Vogt, Alice J.	Md.	Wahl, Richard Albert	
Volin, Rudolph Herbert	D.C.	B.S. in M.E. 1934, University of	
Volker, Dorothy Louise	Va.	Wyoming	Minn.
Vollard, Robert Joseph	Md.	Waibel, Grace	
Vollberg, Walter Richard	D.C.	A.B. 1944, College of St. Catherine	D.C.
Vollense der, Robert William	D.C.	Wagner, Jack	Md.
Vollmeyer, Karl Albert	Ohio	Wagner, Charles H.	N.Y.
Vollmer, Merwin Richard	Tex.	Wagstein, Leonard	D.C.
A.B. 1942, Agricultural and Mechan-		Watts, Betty	Calif.
ical College of Texas		Wake, Charles Louis	Md.
Volz, Charles Harvey Michael	D.C.	Wakefield, Alan Avery	D.C.
Von Brand, Theodor Phillip	D.C.	Wakefield, Albert James	N.H.
Von Hoff, John Durbar	D.C.	Wakeman, Ernest Harold	Ark.
Von Glahn, Anne Burt	D.C.	Walastern, Louise	
Von Gernard, Adalbert, Jr.	Md.	A.B. 1926, Washington University	Md.
Von Herbulis, Otto Joseph	Va.	Walburn, Marjorie Harriett	N.Y.
Vonneuman, Nicholas August	D.C.	Wald, Charles	Ohio
LL.D. 1931, University of Budapest		Walden, Mary Sanders	D.C.
Von Oehle, Charles Henry	D.C.	Waldman, Ludwig Bruno	

Waldron, Mattie Alice	Va.	Walters, Joyce Crickmay	D.C.
Waldrop, Francis Neil	Md.	Walters, Robert Ancil	Va.
A.B. 1946, University of Minnesota		Walther, Alvin George	Ind.
Waldrop, Walter Erwin	Ala.	Walton, Howard Bryant	D.C.
A.B. 1934, Howard College		Walton, Hugh McKelden	D.C.
Waldstein, Edward	Md.	B.S. 1942, University of Maryland	Md.
Waldstein, Melvin Arnold	Mo.	Walton, John M.	D.C.
Wales, Charles Porter	Md.	Walton, Thomas Snyder	
Wales, Maunica Sue	Va.	B.S. 1945, The George Washington	
Wales, Robert Oliver	Pa.	University	D.C.
Walinsky, Edward P.	Md.	Walton, William Upton	D.C.
Walker, Alice Elaine	Canada	Walton, Howard Bryant	D.C.
Walker, Cecilia Cathrin	D.C.	Waltz, Helen Kathryn	Mass.
Walker, Donna Lee	D.C.	Waltz, True Ludwig	D.C.
Walker, Eleanor		Wampler, Estelle Cecile	Va.
B.S. 1937, Wilson Teachers College	D.C.	Wamsley, Franklin Ray	N.Y.
Walker, Frieda	Fla.	Wandel, Fred C.	
Walker, Gerald Cooper	D.C.	B.S. 1934, M.S. 1938, College of the	N.Y.
Walker, Helen Ruth		City of New York	
B.S. 1938, Wilson Teachers College	Ohio	Wandel, Marie Fantin	
Walker, James Kenneth, Jr.	N.C.	B.S. 1941, College of the City of	
Walker, James Oscar, Jr.		New York	Minn.
A.B. 1944, Maryville College	Md.	Wander, Richard John	D.C.
Walker, John	Canada	Wang, Tso	Siam
Walker, Marjorie Irene		B.S.E.E. 1927, Nanyang University	
Walker, John Cusworth	Md.	Wannamethee, Phan	Md.
Walker, Paul Howard	Miss.	Wanshaw, Israel	S.C.
Walker, Robert Butler	Va.	Want, LeRoy Manuel	
A.B. 1935, Duke University		A.B. 1935, University of South	Pa.
Walkingstick, Howard Chandler	Okla.	Carolina	D.C.
Walkinshaw, Walter	Wash.	Wapinsky, Joseph Francis	
A.B. 1939, University of Washington	D.C.	Ward, Edward Francis	
Wall, Conrad Grey	D.C.	B.S. 1946, The George Washington	D.C.
Wall, Geneva Pearl	D.C.	University	
Wall, Grace Lee	Va.	Ward, F. Bernard	Va.
Wall, Rosemary	D.C.	B.S. 1934, Marquette University	Md.
Wall, Stanley James	D.C.	Ward, Frank Edward	D.C.
Wallace, Dorothy June	D.C.	Ward, Jean Marie	D.C.
Wallace, Kathryn Grace	D.C.	Ward, John Wesley	
Wallace, Kathryn Mane	D.C.	Ward, Kathryn M. Painter	Va.
Wallace, Staten Gibson	Va.	A.B. 1935, A.M. 1937, The George	D.C.
Wallace, Walter Harold	Pa.	Washington University	
Wallace, William Tearle	D.C.	Ward, Mary Payne	D.C.
Wallack, Charles Frank	N.Y.	Ward, Mildred Mary Edna	Md.
Wallerstein, David Daniel	D.C.	Ward, Paul Andrews	
Wallick, Earle Wilbur, Jr.		A.B. 1938, University of Nebraska	D.C.
B.S. in E.E. 1945, Lehigh University	D.C.	Warden, Burdett Stryker, Jr.	D.C.
Wallis, Richard Fisher		Wardlaw, Gladys Anne	Ark.
B.S. 1945, The George Washington		Ware, Maximilian Ware	D.C.
University	D.C.	E.E. 1923, University of Arkansas	D.C.
Walmsley, Marion Christie	D.C.	Ware, Patricia Ann	D.C.
Walsh, David Arthur	Va.	Ware, Robert Stephens	D.C.
Walsh, George Joseph	D.C.	Warfel, Robert James	D.C.
Walsh, Helen Frances	Md.	Warfield, Marion Dixon	Md.
Walsh, James Earl, Jr.		Warfield, Richard Myers	D.C.
B.S. 1941, University of Chicago	D.C.	Wargo, Irma Marie	D.C.
Walsh, Jane Angela	D.C.	Warick, Lawrence John	D.C.
Walsh, Josephine Ann	D.C.	Warlick, James Bowen	Md.
Walsh, Lillian Mary	Va.	Warmack, William Davies	Va.
Walsh, Marcellus Nelson	D.C.	Warner, Caroline	D.C.
Walsh, Robert Eugene	N.Y.	Warner, Ethel Louise	D.C.
Walsh, Vera Maud		Warner, Gerald Lee	Va.
Walstrom, Charles Bowen	Va.	Warner, Glenn Allyn	D.C.
Walter, Betty Lee	Minn.	Warner, Jean Lorraine	
Walter, Elmer Herman	D.C.	Warner, Joan Carol	Vt.
Walter, John Lloyd, Jr.	Md.	B.S. 1942, Duquesne University	
Walter, Katharine Miriam		Warner, Roger	Md.
B.S. 1944, The George Washington	D.C.	A.B. 1918, Dartmouth College	Iowa
University	D.C.	Warner, William Clafin	N.C.
Walter, Richard Henry	D.C.	Warrell, William Weyland	Kans.
Walters, Doris Zaida	D.C.	Warren, Howard Eanes	Ala.
Walters, Harold Milton		Warren, Leonard	
		Warren, Mary Lois	

Warren, Philip, Jr.	Va.	Watts, Nancy Thompson	S.C.
Warren, Virginia Caroline	Pa.	B.S. 1940, Winthrop College	D.C.
Warren, Virginia Nesbitt	Va.	Watts, Relief Franklin, Jr.	D.C.
Warrender, Robert Thomas	Pa.	Watts, William Allen	D.C.
Warrens, Helen Rose	N.Y.	A.B. 1941, University of North Carolina	D.C.
Warrick, Helen	Ala.	Waugh, Perry Eugene	N.Y.
Washaw, Israel	Md.	Waxberg, Joseph David	N.Y.
Warthen, Sibyl Mary	D.C.	Waxman, Morris	D.C.
Warwick, Harvey Hodgson	D.C.	Wayne, Robert Anthony	D.C.
Washburn, Carleton Thompson	Va.	Ways, Douglas Arthur	D.C.
Washburn, Mabel Rosemary	W.Va.	Wayt, Frederick Willis	D.C.
Washington, Dorothy Anne	D.C.	Weare, Josephine Wilma	D.C.
Washington, Fielding Lewis	Va.	A.B. 1942, University of Maryland	S.C.
Washington, James William	N.I.	Wearn, Wilson Camron	D.C.
A.B. 1946, Lafayette College	Va.	B.F.E. 1941, Clemson College	Pa.
Washington, Wilson Selden, Jr.	D.C.	Weathersbee, Frank Burkhead, Jr.	D.C.
Wasser, Frances	D.C.	Weaver, Donald Culp	D.C.
Wasserman, Selma	D.C.	Weaver, Elman Owen	D.C.
Wastir, Warren Edward, Jr.	Pa.	B.F.d. 1940, Southern Illinois Normal University	Md.
Waterman, Rich Leeman	D.C.	Weaver, Frank Lloyd, Jr.	Md.
Waters, Maude Estelle	Md.	Weaver, Jane Earlyn	Md.
B.S. 1944, Maryland State Teachers College, Towson, Md.	Tenn.	Weaver, Preston R.	Fla.
Waters, Thurman Wayne	N.C.	Weaver, William Curry	Va.
B.S. 1910, Carson-Newman College	N.C.	Webb, Claude Anderson	Wyo.
Waters, William Jonas	Tex.	Webb, Donald James	D.C.
B.S. 1931, Appalachian State Teachers College	Md.	Webb, Georgia Helen	N.C.
Waterston, James Rufe	Md.	A.B. 1944, University of North Carolina	La.
Wathen, Rosa Lee	D.C.	Webb, Henry Gortham	D.C.
A.B. 1914, Western Maryland College	Ohio	B.S. 1948, University of North Carolina	D.C.
Watkins, Betty Lou	Md.	Webb, James Prevost	D.C.
Watkins, Cameron Dalton	D.C.	Webb, John Benton, Jr.	D.C.
A.B. 1942, Youngstown College	D.C.	Webb, John Crawford	Md.
Watkins, Cleveland Foster	D.C.	B.S. 1919, United States Naval Academy	N.C.
Watkins, James Edward	D.C.	M.B.A. 1927, Harvard University	D.C.
Watkins, Margaret Louise	D.C.	Webb, Joseph, Centes, Jr.	Va.
Watkins, Orval Finis	D.C.	Webb, Kenneth William	D.C.
B.S. 1942, Southwest Missouri State Teachers College	D.C.	Webb, Richard William	D.C.
Watkins, Poppie Jane	Md.	Webb, Robert Anderson	D.C.
Watkins, Philip Lewis	D.C.	Webb, Ruth Kincer	N.C.
Watkins, Ralph Armistead	D.C.	A.B. 1944, A.M. 1956, The George Washington University	D.C.
Watkins, Richard Everett, Jr.	S.C.	Webb, Virginia Alice	Fla.
Watkins, Rose Mary	D.C.	Webber, James Everett	Ga.
Watkins, Ruth Finch	D.C.	Webber, Ruth Rebecca	Md.
A.B. 1940, American University	D.C.	Webster, Charles L. In, Jr.	N.Y.
Watkins, William Henry	Md.	Webster, Jacqueline Adams	Pa.
B.S. 1941, University of Maryland	Tex.	Webster, Lawrence D.	D.C.
Watkins, William Sparkman	D.C.	A.B. 1941, M.Chem Eng. 1943, New York University	Pa.
Watson, Beulah Elizabeth	D.C.	Webster, Martin	D.C.
Watson, Bruce Parish	D.C.	Webster, Myrtle Ann	Pa.
Watson, Ellen Virginia	D.C.	Webster, Paul Jones	D.C.
Watson, John A.	Iowa	Webster, Robert LeRoy	Nebr.
Watson, Kenneth Marshall	Wash.	Webster, Robert Redmond	D.C.
B.S. 1943, Iowa State Teachers College	D.C.	Webster, Andrew Paul	Va.
Watson, Lillian M. Ann	Wash.	Webster, Ann Harrison	D.C.
Watson, Ralph E.	D.C.	A.B. 1945, University of North Carolina	D.C.
A.B. 1944, The George Washington University	D.C.	Webster, Edward	D.C.
Watson, William Douglas	W.Va.	B.S. 1942, University of Maryland	D.C.
Wate, Betty Jane	Va.	Webster, Frances Lee	D.C.
Wattles, Jane Elizabeth	Fla.	Webster, John Alden	Ind.
Wattles, Thomas Lippitt	D.C.	Webster, John Clyde	Va.
B.S. 1920, United States Naval Academy	D.C.	Webster, John Mark	Minn.
Watts, Andrew Lamar	Ga.	B.S. 1942, University of Minnesota	Md.
Watts, Byron	D.C.	Wedan, Vermette Ella	
Watts, Eddie Lee	D.C.	Wedding, Helen Elizabeth	
Watts, Evelyn Frances	D.C.		
Watts, Holt Fairfield Butt, Jr.	D.C.		
Watts, Martin Van	Ga.		

Wedding, Leon Edward, Jr.	D.C.	Weiss, Sidney	Va.
Wedding, Presley Allen	D.C.	B.B.A. 1942, College of the City of New York	N.Y.
Weden, Philip Zachary	D.C.	Weiss, William	N.Y.
Wederich, Robert Paul	N.J.	Weissberg, Donald Jacob	La.
Wedgeforth, Ola F.	Ala.	Weissenegger, Victor Hugo	Md.
B.S. 1937, George Peabody College for Teachers		Weissinger, Phyllis Bate	Ala.
Weekley, Richard Vernon	Va.	Weissinger, William Thomas III	
Weeks, Gladys Evalyn	D.C.	B.S. 1918, United States Military Academy	D.C.
Weeks, John Dwight	D.C.	Weisskopf, Vera Jordan	N.Y.
Weeks, Jane Dahme	Ill.	Weissman, Milton	
Weeks, Betty	Va.	B.Chem.Eng. 1939, New York University	Va.
Weeclim, Rene Edonaw	D.C.	Weitzel, Elizabeth Marcena	D.C.
Wehr, Albert	Md.	Weitzenfeld, Daniel Kehr	D.C.
Wehr, Maurice Burton	Va.	Weker, Simon Louis	
Wehrli, Edna Florence	N.C.	A.B. 1934, Harvard College	
Wehrum, Lloyd Dixon	D.C.	M.Ed. 1918, Teachers College of the City of Boston	Pa.
Weigel, John Leonard	D.C.	Welch, Walter William	Va.
Weinmiller, Horace Emil	D.C.	Welch, Edlynn Adelle	N.Y.
B.S. 1925, Massachusetts Institute of Technology		Welch, Elizabeth Churchill	
Weikel, Jeanne Morey	Pa.	A.B. 1945, The George Washington University	D.C.
A.B. 1911, Smith College		Welch, Ernest Roy, Jr.	Pa.
Weder, James Frederick	Tex.	Welch, James Paul	
B.S. 1939, L.L.B. 1942, University of Texas		A.B. 1920, Pennsylvania State College	D.C.
Weimer, Eleanor R.	Va.	Welch, Mary Catherine	Ohio
Weinberg, Herbert	D.C.	Weldy, Pauline	D.C.
Weinberger, Elias	D.C.	Welhaf, William James	Pa.
Weinberger, George	Va.	Welling, Ferne Mabel	D.C.
Weinert, John Henry	Pa.	Wellington, Benjamin	D.C.
Weiner, Susan Marjory	D.C.	Wellington, Peretz	D.C.
Weiner, Thelma Franklin	N.Y.	Wellman, Wayne Eugene	N.Y.
Weiner, Wilford Harris	D.C.	Wells, Alfred Washburn	
Weinger, Simon Jacob	N.Y.	A.B. 1919, Yale University	Tex.
Weingrad, Richard Herbert	N.Y.	Wells, Alice Anson	
Weintraub, Beattie	D.C.	A.B. 1911, University of Texas	
Weintraub, Gilbert	N.Y.	Wells, Clifton Turner	Ark.
Weintraub, Harriett F.	Md.	Wells, Clifton Fiske, Jr.	D.C.
Weintraub, Harvey Harold	D.C.	Wells, Edmund John, Jr.	D.C.
Weintraub, Mariam	D.C.	Wells, Franklin Keith	Va.
Weintraub, Max	N.J.	Wells, Glenn Sherman	Md.
Weintraub, Max, Jr.	Miss.	Wells, Helen Elizabeth	D.C.
Weintraub, Moses	N.Y.	Wells, Martha Elizabeth	Md.
Weintraub, Robert Earl	D.C.	Wells, Morris William	Ky.
Weintraub, Leo Martin	N.Y.	Wells, Rebecca Roe	D.C.
Weintraub, Esther	Pa.	Wells, Robert Eugene	D.C.
Weir, John Dallizelle	Pa.	Welsh, Fletcher Harvey	Tex.
Weise, Allen Gardner	D.C.	Welsh, James William	Wyo.
Weise, Ernest Lyman	D.C.	Welsh, Mary Evelyn	Va.
B.S. 1918, The George Washington University		Welsh, Mary Kathleen	Ill.
Weisenburger, Faye Darleen	D.C.	Welty, Elizabeth Edna	D.C.
Weiss, Arnold	D.C.	Welty, Ruth Agnew	Mont.
Weiss, Edith	N.Y.	Wendel, Clarence Adami	
Weiss, Henry	D.C.	B.S. 1914, M.S. 1935, Montana School of Mines	Pa.
A.B. 1912, The George Washington University		Wendell, Elizabeth Mary	Iowa
Weiss, Irving	Va.	Wendt, C. Morten	
L.L.B. 1915, L.L.M. 1916, St. Lawrence University		A.B. 1917, A.M. 1939, University of South Dakota	Md.
A.B. 1915, The George Washington University		Wendt, Carolyn Mae	D.C.
Weiss, Jerome Carolyn	D.C.	Wendt, Lucile Burd	
Weiss, Robert Bruce	Ind.	A.B. 1942, University of South Dakota	S.D.
A.B. 1916, Indiana University		Wendt, William Andrew	D.C.
Weiss, Robert Jerome	N.Y.	Wenger, Edward George	D.C.
Weiss, Samuel	Ill.	Wenger, Nelson Edward	D.C.
B.S. 1944, Virginia Polytechnic Institute		Wenger, William Fred	Va.
Weiss, Samuel John	D.C.	Wengrovius, Donald V.	

Wenner, Evelyn Wingate	Md.	Wheeler, William Alton	D.C.
A.B. 1929, Blue Ridge College		Whelan, Charles Nicholas	Md.
A.M. 1937, Johns Hopkins University		Whelley, John Gerard	D.C.
A.B. 1934, Barnard College		Wherry, Frances Elmore	Ill.
M.D. 1941, New York University		A.B. 1945, Lindenwood College for Women	W.Va.
Werlow, Farrell Roy	D.C.	Whetsell, Vernon Ray	Ill.
Werlow, Stanley Newman	D.C.	Whitlin, Allen Merritt	
A.B. 1946, The George Washington University		A.B. 1947, Aurora College	
Werner, Attie Yvonne	Md.	B.S. 1946, University of Minnesota	Md.
B.S. 1944, American University		Whisnant, Elwood Thomas	Tenn.
Werner, Dorothy Louise	Va.	Whitaker, Edward Stephen	
Werner, Monroe Matt	N.Y.	A.B. 1942, Kings College	N.Y.
A.B. 1948, Brooklyn College		Whitaker, Francis Hunter	D.C.
Werner, Seymour	N.Y.	Whitaker, June Lois	D.C.
A.B. 1942, The George Washington University		Whitcomb, Jack Bigham	Ky.
Wertheim, David S.	Va.	White, Barbara Nell	Va.
D.C.		White, Carol Holmes	Md.
Wesley, Harold Burton	D.C.	White, Charles Louis	Tex.
Wessels, Richard Grover	Miss.	White, Clara Belle	D.C.
West, Charles Dorman	D.C.	White, Dale Edmund	Md.
West, David Jerome	Mass.	White, Donald Lloyd	
West, Eleanor T.	Md.	B.S. 1944, The George Washington University	D.C.
West, George Bruce	Ala.	White, Edward J.	D.C.
West, Irene		White, Elwood Brooke	N.Y.
B.S. 1949, University of Alabama	D.C.	White, Eugene Michael	
West, Jack Burlington	D.C.	B.S. 1944, Fordham University	D.C.
West, Janet Macdonald	D.C.	White, Frances Edith	D.C.
West, Marj Lee	D.C.	White, Grayville Simpson	Utah
West, Robert Alan	D.C.	White, Harold Edward	
West, Robert Layton	Md.	A.B. 1941, University of Utah	Va.
West, Robert Wilcox	D.C.	White, Hazel Frances	Va.
Westberry, Cecil Lowen	D.C.	White, Helen Louise Royall	
Westbrook, Carol Virginia	D.C.	A.B. 1942, University of North Carolina	Va.
Westbrook, William Hurlbes	D.C.	White, Ida Marguerite	D.C.
Westcott, Raymond Arthur	Miss.	White, Jeanne M. Kinley	Va.
Westenhaver, Doris Lee	D.C.	White, James Carl	Va.
Westerman, George Frederick	Wis.	White, James Walter	Ill.
B.S. 1949, University of Wisconsin	Va.	White, John Anderson	
Westerman, Jesse Vernon		A.B. 1942, William Jewell College	D.C.
D.D.S. 1928, University of Washington	D.C.	White, Kenneth Woodward	D.C.
Weststrom, Leonard W.	D.C.	White, Robert Bellersine	C.M.
Westfall, John Finley		White, Robert Preston	N.Y.
B.S. 1944, University of Arizona	Tex.	White, Ruth	Ky.
Westfall, Ted B.		White, Thelma Louise	
B.S. 1946, University of Oklahoma	D.C.	B.S. 1944, State Teachers College, Western Ky.	Ky.
Westmoreland, Robert Norman	Md.	White, Verna Paul	Md.
Weston, Glen Paul		White, William M.	
B.S. 1943, University of Maryland	Md.	B.S. 1941, The George Washington University	Md.
Wetherbee, Farland Henry	Va.	Whitford, Leopl Silver	
Westmore, William Furdles, Jr.	Mich.	A.B. 1945, Western Maryland College	D.C.
Wetzel, Joseph George		Whitford, Henry	
B.S. 1945, University of Notre Dame	D.C.	A.B. 1944, College of William and Mary	Va.
Wetzel, Nancy Beatrice	Ill.	Whitford, Joseph William	D.C.
Wever, Frederick Jackson	D.C.	Whitely, Mary Nancy	
Wetzel, Harold Oertly		A.B. 1940, Rollins College	D.C.
A.B. 1942, University of Florida	Md.	Whitman, James Leonard	D.C.
Wetzel, Stanley	N.Y.	Whitman, Sally S. Whitman	
Wetzel, John Bernard	D.C.	A.B. 1942, Brooklyn College	D.C.
Wharton, Franklin, Jr.	Ohio	Whitwell, Joseph A. Jr.	D.C.
Wharton, William Wallace	D.C.	Whitwell, James Warren	
Whitely, Fathalla John	D.C.	B.S. 1943, Wake Forest College	D.C.
Whitely, Jack Lee	Mass.	Whitwell, Rex Thomas	Okla.
Whitely, Arthur Adrian	D.C.	Whitwell, George Alfred	
Whitely, Fred William	D.C.		
Whitely, Fred William	Conn.		
Whitely, George Fred			
Whitely, Mary Starr			
A.B. 1945, Wellesley College	Md.		
Whitely, Otto Hubert	D.C.		
Whitely, Ruth Elizabeth			

Whiting, Charles Jonathan	Maine	Wildmann, John Joseph	D.C.
B.S. 1926, United States Naval Academy		Wiles, Marie Agnes	Mo.
L.L.B. 1940, The George Washington University		Wiley, Earl Brooks	D.C.
Whiting, Katharine Washburn	Va.	Wiley, William Warner, Jr.	Ga.
Whiting, Louise Tiffany	D.C.	Wilford, Richard Roscoe	Va.
Whitley, Clyde Efrd	D.C.	A.B. 1942, Beloit College	
Whitley, Diana Constance	D.C.	A.M. 1946, The George Washington University	D.C.
Whitley, Dorothy Main	Kans.	Wilgus, Beatrice B.	
Whitlock, James Mornie	Tex.	B.S. 1921, University of Wisconsin	D.C.
A.B. 1941, Madison College		Wilhelm, Paul Joseph	Va.
Whitlow, Nancy Elizabeth	Va.	Wilkerson, Abner Lee	Md.
Whitman, Roland D.	Ill.	Wilkerson, John Krantz, Jr.	Colo.
Whitmore, Jane Frances	Md.	Wilkerson, Mary Louise	
Whitmore, Robert George	Md.	A.B. 1942, University of Colorado	N.C.
Whitmoyer, Robert Ellwood	D.C.	Wilkes, Carolyn Moore	D.C.
Whitnack, John Doyle	D.C.	Wilkins, Elizabeth Ann	Md.
Whitney, Richard Walker	Md.	Wilkins, Verna Moody	N.C.
A.B. 1942, University of Maine		Wilkins, William Yarborough, Jr.	
Whitney, Russell Rogers	Va.	B.S. 1937, University of North Carolina	D.C.
Whitson, Mary Louise	D.C.	Wilkinson, Ann Olivia	Va.
Whitt, Gordon Alfred	D.C.	Wilkinson, Frank Youree	D.C.
Whittemore, William Kittredge	D.C.	Wilkinson, John Milton, Jr.	D.C.
Whittington, Arthur David		Wilkinson, Mary Bishop	Va.
A.B. 1940, University of the South	Ga.	Wilkinson, Richard Sterling	Va.
Whittle, Donald	Fla.	Wilkinson, Samuel Warren	D.C.
Whitworth, Thomas Irving	D.C.	Will, Fern Florence	
Whyloew, Waldo E.		A.B. 1942, The George Washington University	D.C.
B.S. 1930, Northeast Missouri State Teachers College		Will, Jeanne	Va.
Whyte, Rosalie Ann	D.C.	Will, John Mylin	
Wicker, Robert Alfonso	Ill.	B.S. 1923, United States Naval Academy	
B.S. 1940, Northwestern University		M.S. 1942, Pennsylvania State College	Va.
Wicks, Celia	D.C.	Will, Ralph Reeves	Ill.
Widman, Charles Louis	D.C.	Willard, Harry L.	
Widman, Frank Lishe	Va.	B.S. 1935, University of Illinois	D.C.
B.J. 1939, University of Missouri		Willenbacher, Dorothy Elizabeth	
Widman, Joseph William	D.C.	A.B. 1946, Swarthmore College	Md.
Widmayer, Clara Louise	Md.	Willett, Donald Karl	Hawaii
Wiefelspuetz, Edwin Alfred	Wis.	Willett, Edwin Dexter	Maine
Wiekline, Margaret Sue	Ohio	Willett, John Raymond	N.C.
A.B. 1937, Allegheny College		Williams, Allen Atkinson	Okla.
Wieler, Edward William	Conn.	Williams, Arward Cecil	Va.
Wiener, Harvey	Ill.	Williams, Bennett Good	
Wigder, Philon	D.C.	B.S. in C.E. 1942, Bucknell University	D.C.
B.S. 1940, College of the City of New York		Williams, Betty Lee	Calif.
Wiggins, Audrey Edith	Md.	Williams, Bruce Church	Tex.
Wiggins, Thomas Arthur	Pa.	Williams, Bruce Harold	
B.S. 1942, Pennsylvania State College		B.S. 1934, Southwest State Teachers College	
Wigginton, Virginia Ellan	Ga.	Ed.M. 1918, University of Texas	Mich.
B.S. 1945, Ohio State University		Williams, Cynthia Ann	
Wight, Adrianna Randolph	Va.	A.B. 1946, The George Washington University	Ala.
Wight, Gladys C. J.	Va.	Williams, D. Hunt	Va.
Wight, William Leeds	Va.	William, Don Armstrong	
Wigren, Lloyd Ethan	N.J.	B.S. 1931, University of Denver	D.C.
A.B. 1930, Columbia University		Williams, Doris	
Wilbar, M. Margaret	Pa.	B.S. 1928, New York State College for Teachers	Tenn.
Wilburt, George Arthur, Jr.	D.C.	Williams, Drura Mac	
Wilcocks, Mary Pat	D.C.	B.S. 1923, George Peabody College for Teachers	Ill.
Wilcox, Blanche Bowden		Williams, Earl, Jr.	Va.
A.B. in Ed. 1920, A.M. in Ed. 1930, Ph.D. 1932, The George Washington University	D.C.	Williams, Edith Louise	D.C.
Wilcox, Robert Lynn, Jr.	Tenn.	Williams, Elma	Md.
Wilcox, Robert William, Jr.	Iowa	Williams, Elmer Morton	Va.
Wild, Paul Joseph		Williams, Emma Loleta	D.C.
A.B. 1918, Drake University	N.Y.	Williams, Frank Evans, Jr.	D.C.
Wilding, Charles Howard	Conn.	Williams, F. Jean	
Wildman, Herbert Tuttle			
L.L.B. 1918, The George Washington University			

Williams, Gerald Albert	Iowa	Willson, Mary Virginia	D.C.
B.S. 1945, South Dakota State College of Agriculture and Mechanic Arts		B.S. 1934, Mary Washington College	
Williams, James Fenton	Md.	Wilmerota, John William	Calif.
Williams, Jane	D.C.	Wilmot, William Francis	Conn.
Williams, Jay Wheldon	Pa.	Wilson, Andrew John	N.Y.
Williams, John McRoy	Va.	Wilson, Archie Temple	Okla.
Williams, John Ronald	Va.	Wilson, Christine Shearer	Mass.
B.C.E. 1941, North Carolina State Teachers College		Wilson, Elizabeth Anne	Ill.
Williams, John Wayne Clark	N.C.	Wilson, Edna Louise	Va.
A.B. 1946, University of North Carolina		A.B. 1929, Duke University	
Williams, Kathryn E.	Miss.	Wilson, George Allison	D.C.
Williams, Leland Carlton	D.C.	Wilson, Grace Conrad	Miss.
Williams, Leonard Frederick	D.C.	Wilson, Grace Elizabeth	Ohio
B.S. 1943, University of Maryland		Wilson, Harold Maurice	Va.
Williams, Luroff H.	Va.	Wilson, Jesse Lee	Mo.
Williams, Major O.	Va.	Wilson, John David	D.C.
Williams, Margaret Lucretia	N.J.	Wilson, John Robert	Va.
Williams, Marvin Edward	Tenn.	Wilson, Joyce Marguerite	Ill.
Williams, Mary Marguerite	Md.	Wilson, Kenneth Eugene	Wis.
Williams, Melvin Glynn	Tenn.	Wilson, Leonard Daniel	Md.
A.B. 1943, The Citadel		Wilson, Mary Alice	D.C.
Williams, Michele	D.C.	B.S. 1930, University of Nebraska	Fla.
Williams, Patricia	Va.	Wilson, Melissa Forsyth	Calif.
Williams, Richard Claggett, Jr.	Va.	Wilson, Noel Charles	D.C.
B.S. 1912, United States Naval Academy		Wilson, Paul Randolph	Nebr.
Williams, Robert Franklin	D.C.	Wilson, Raymond Boyd	D.C.
Williams, Shirley Ann	Va.	Wilson, Vera Hooker	D.C.
Williams, Stanton Monroe	Pa.	Wilson, Vernon Claude	Md.
Williams, Theodore Gales	Md.	Wilson, Virginia	D.C.
Williams, William Earl	Md.	Wilson, Wallace Ancil	Maine
Williams, William Edward		Wilton, Francis William	D.C.
A.B. 1934, Western Maryland College		Wiltsey, Paul Frederick	Ill.
Williams, William Sterne	D.C.	Wiman, Patricia Deere	Tex.
A.B. 1915, University of Utah		Wimberley, John Sam	Tenn.
Williams, Willie Jones	Va.	Wimberley, Mary Alice	N.C.
Williamson, Barbara Alice	Mich.	Winborne, Sidney Allen	Okla.
Williamson, Barbara Janet	D.C.	Winchell, Ralph Ellis	Iowa
Williamson, Clifton Russell	D.C.	Winders, Mildred Etta	D.C.
Williamson, Daniel Lester, Jr.	D.C.	Wanders, Thomas Morehead	Tenn.
Williamson, Francis Sidney L.	D.C.	Windheim, Sandoe	D.C.
Williamson, Jean	Mich.	Windson, William Harold	
Williamson, John George	D.C.	Wineburgh, Joseph J.	B.S. 1936, College of St. Thomas
Williamson, Lois Lo-Ella	D.C.	Wineland, Robert Kenneth	D.C.
Williamson, Robert Ernest	Tex.	Winfrey, Richard Moody	Va.
Williamson, William Thomas	D.C.	Wingate, Victor Meade	Md.
Willier, Lillian E.	Va.	B.S. 1931, University of Maryland	
Willis, Alice France		Winger, Audrey Doris	Va.
A.B. 1944, University of North Carolina		A.B. 1942, University of Wisconsin	
Willis, Claude Edward, Jr.	Va.	Wingo, Lydia Hildrup	Va.
B.S. 1938, Wilson Teachers College		B.S. 1943, Mary Washington College	N.J.
M.E. 1942, The George Washington University		Winkel, Robert Paul	Minn.
Willis, Earl Thomas	D.C.	Winkelhorst, Jeanette W.	D.C.
A.B. 1931, Washington College		Winkelman, Richard Henry	D.C.
A.M. 1936, Columbia University		Winkler, Joseph Fred	Ill.
Willis, Harry Everett	Iowa	Winn, Catharine Jane	
Willis, James Darwin	D.C.	B.E. 1939, Northern Illinois State Teachers College	D.C.
Willis, John William	Va.	Winn, Joseph Anthony	N.Y.
A.B. 1934, University of California		Winograd, Melvin Alvin	Va.
LL.B. 1917, University of Southern California		Winstead, Albert Taylor	D.C.
Willkie, Joseph Brian	D.C.	Winston, Anthony	D.C.
Wills, Albert Michael	D.C.	Winston, Daoma	
Wills, Helen Anne	Va.	A.B. 1946, The George Washington University	D.C.
Wills, Lawrence Alford	D.C.	Winter, Egan Peter	
Wills, Walter Cruise	Va.	B.S. 1942, Iowa State Teachers College	
Willson, John Tucker	Va.	M.S. 1943, Colorado State College of Agriculture and Mechanic Arts	N.Y.
		Winter, Frank Ephraim	Okla.
		B.S. 1943, University of Pittsburgh	
		Winter, Lewis Jasper	

Winter, Philip Hayward	Md.	Witte, Joe Patrick	D.C.
B.S. 1938, Wilson Teachers College		A.B. 1943, Hillside College	D.C.
Winter, Rose Phloemina	Minn.	Witte, Sidney	D.C.
Winchester, Mary Margaret	D.C.	Witt, Gerard Spalding	D.C.
Winters, Wilace Dudley	N.Y.	Witt, Marie E.	D.C.
Winston, Jean Van Reece	Va.	Witt, Jane Hoy	D.C.
Wirt, Henrietta M. R.	Va.	Witt, Patricia Catherine	D.C.
Wirt, John Alvin	Va.	Witt, Robert Alfred	D.C.
Wirt, Theodore Julian	Md.	A.B. 1942, Duke University	Pa.
Wise, Forrest Henry	D.C.	Wittle, Leonard Lee	Va.
Wise, Robert Arthur	Pa.	Wittich, Neil Edmondson	D.C.
Wisenbaker, Eugene Morgan	Va.	Wittich, Reuben	D.C.
Wisner, Carl Edward, Jr.	Va.	Wittich, Edward	Pa.
Wisner, Woodford Ruth	Mich.	Witkeas, Jacob Alfred	
Wisover, David Carl	D.C.	A.B. 1942, University of Pennsylv.	
Wisover, Henry Wallace	Va.		
A.B. 1946, Duke University		Wittich, Harold Frank	D.C.
A.M. 1947, The George Washington		Wittich, Harv. Beckett	D.C.
University		Wittich, M. L. and Louise	D.C.
Witham, Robert Carey	Md.	Wittich, Stanley Gilbert	Conn.
Withers, John Lewis	Md.	Wittich, Rattle Evelyn Nash	
B.S. 1940, Davidson College		A.B. 1944, Connecticut College	Conn.
A.M. 1944, University of North		Wittich, Walter Hunter, Jr.	D.C.
Carolina		Wittich, George Samuel	Mo.
Withington, Lavin	Md.	Wittich, Herman L.	Md.
Wicks, Eugene	N.Y.	Wittich, Sara Catherine	
Wicks, Walter Phillip	Mass.	A.B. 1942, Woman's College of the	
White, Carl Gordon	D.C.	University of North Carolina	D.C.
White, Jack Howard	Tex.	Wittich, Loph, Johanna Linwood	D.C.
White, Margaret Elston	D.C.	Wittich, Tom	D.C.
White, Sally Caroline	D.C.	Wittich, Tom Hsien	N.H.
White, David Myron	D.C.	Wittich, W. P.	D.C.
Whitman, Joseph Clyde	Wash.	Wittich, Joseph Clarence, Jr.	Pa.
Whitman, Ronald Gordon	Va.	Wittich, Charles William	D.C.
Whitlock, Victor	Ill.	Wittich, Dorothy Anna	D.C.
A.B. 1941, The George Washington		Wittich, Edwin Charles	Tex.
University		Wittich, Ethel Marion	
Wittich, Clarence Arnold	Ohio	A.B. 1926, University of Texas	SC
Wittich, William Tatum	Tex.	Wittich, Harry Eugene	D.C.
B.S. in E.E. 1942, Agricultural and		Wittich, Harvey Earl	Mont.
Mechanical College of Texas		Wittich, Jerold Lawrence	D.C.
Wittich, Marilyn June	Md.	Wittich, John Fred	W.S.
Wittich, John	D.C.	Wittich, Lucy A.	Md.
Wittich, John Jane	D.C.	Wittich, Mary Martha	D.C.
Wittich, John Elizabeth	Va.	Wittich, Robert Ambrose	D.C.
Wittich, John Edgar	Va.	Wittich, Robert Lukens, Jr.	Va.
Wittich, Miss P.	Md.	Wittich, Stella Draper	Pa.
Wittich, Raymond Alfred	N.Y.	Wittich, Walter Henderson	Calif.
Wittich, George Milton, Jr.	D.C.	Wittich, Alice Elizabeth	Va.
Wittich, Henry Edward	D.C.	A.B. 1917, Mills College	
Wittich, Arthur Lee	D.C.	Wittich, Geoffrey Dean Leroy	
Wittich, Harry	D.C.	B.S. 1910, The George Washington	N.Y.
Wittich, Thomas Oliver	D.C.	University	
Wittich, Fred	D.C.	Wittich, Arthur Oliver	Va.
A.B. 1919, The George Washington		Wittich, Charles Leon	Fla.
University		Wittich, George Preston	Md.
Wittich, Leo Stanley	D.C.	Wittich, Frank Albert	
Wittich, Louis Jay	D.C.	A.B. 1947, The George Washington	
Wittich, Louis Park	D.C.	University	Va.
Wittich, William Louis	D.C.	Wittich, Charles H.	Va.
Wittich, David	D.C.	Wittich, Dale Palmer	D.C.
B.E.E. 1941, College of the City of		Wittich, Cicely DeGraffenried	N.Y.
New York		Wittich, Jean Stora	Pa.
Wittich, Charles Hamilton	D.C.	Wittich, John N.	Ohio
Wittich, Caroline Dallas	D.C.	Wittich, John	
A.B. 1941, The George Washington		Wittich, John	
University		Wittich, John	
Wittich, Charles Randolph	D.C.	Wittich, John	
B.S. 1944, University of Maryland		Wittich, John	
Wittich, John Edgar, Jr.	D.C.	Wittich, John	
Wittich, George Joseph	Md.	Wittich, John	
Wittich, Harvey Everett	N.Y.	Wittich, John	

Woodward, Charles Hyman	Va.	Wolv, Robert Seymour	D.C.
Woodward, Fred Stephens	Ohio	B.S. 1911, Texas Technological College	
Woodward, Kenneth Emerson	D.C.	Womers, Charles Melvin	Mass.
Woodward, LeMar Lee	N.H.	Worrels, Roy Paul	Va.
Woodward, Lawrence Godfrey	Va.	B.S. 1922, University of Richmond	
Woodward, Paul Eugene	Pa.	Wyckoff, Jerome Annele	Md.
Woodward, Thurman Plunkett	Vt.	Wyck, Harry Niles, Jr.	D.C.
B.S. 1921, The George Washington University		Wynn, Ray Leonard	Va.
Wolfe, Lulu Fieger	D.C.	Wynn, Nola Belle	Ca.
Wolfe, Raymond Morgan	D.C.	Wyvell, Dorcas Joyce	D.C.
Wolfe, Donald Eugene	D.C.	A.B. 1926, University of Denver	
Wolfe, Marion Emma	D.C.	Wylliv, Alma Christine	D.C.
Wolfe, Roy C. Grant	R.I.		
Wolfe, William Papp, Jr.	Va.	Y	
Wolfe, Conley LaRoy	Md.	Yager, Mary Alice	Va.
Wolfe, James Patrick	N.C.	Yager, Fred Charles	D.C.
Wolfe, William Richard	D.C.	Yager, Marvin Harris	D.C.
Wolfe, Dwight Goet	N.Y.	Yager, Philip Anthony	Pa.
Wolfe, George Washington	N.J.	Yager, Miriam	D.C.
Wolfe, Douglas Lowell	D.C.	Yager, Isador David	D.C.
B.S. 1923, University of Toledo		Yamada, Hirono	Calif.
Wolfe, Emerson T.	D.C.	Yamamoto, Isamu Tom	Hawaii
Wolfe, Richard Bryce	Okla.	Yamamoto, Isamu Fuke	D.C.
Wolfe, Louis Tadaferr, Jr.	Va.	Yamamoto, Richard S.	
Wolfe, Philip Lee	Md.	A.B. 1926, University of Hawaii	
Wolfe, Rebecca Harmon	Va.	Yamamoto, Anthony	N.Y.
Wolfe, David Morris	D.C.	Yamamoto, Lillian Salmon	Pa.
Wolfe, Mary Alice	N.Y.	Yamamoto, Stanley Adam	Conn.
Wolfe, Benjamin	D.C.	Yamamoto, Anthony	N.Y.
Wolfe, Douglas Fontaine	D.C.	Yamamoto, Arthur	N.Y.
Wolfe, Marvin Robert	D.C.	Yapp, Lewis Johnson, Jr.	Calif.
Wolfe, Berkeley	D.C.	Yarborough, Lila Norville	D.C.
Wolfe, Betty Eugene	Ill.	Yarlett, George Ray	Md.
Wolfe, Carter Willis	D.C.	Yarlett, Philip	D.C.
Wolfe, Charles Felix, Jr.	D.C.	Yarlett, The George Washington University	
Wolfe, Dalton Houston	La.	Yarlett, LeRoy M'ly	D.C.
B.S. 1921, Louisiana College		Yarlett, Melvin	D.C.
Wolfe, Dorothy Irene	Ill.	Yarlett, Louis C.	Wash.
Wolfe, Edward Addison	D.C.	A.B. 1922, University of Washington	
Wolfe, Elmer	Mass.	Yates, Arthur George, Jr.	W.Va.
Wolfe, Horace Whit, Jr.	Va.	Yates, Robert Melbury	N.M.
Wolfe, James Howard	D.C.	B.S. 1924, New Mexico State Teachers College	
Wolfe, Jay Oswald	N.Y.	Yates, James	D.C.
Wolfe, James Eugene	Md.	Yates, Howard A.	Va.
Wolfe, Jane Albert	D.C.	Yates, Shadle James	D.C.
A.P. 1922, Indiana University		Yates, L. Jay Jew	D.C.
Wolfe, John Hunter	Md.	Yates, Mervin	D.C.
Wolfe, John Perry	Va.	Yates, Helen Jane	D.C.
Wolfe, Lewis Edward	Md.	Yates, Fay	D.C.
Wolfe, Walter Ledy	N.H.	Yates, Henry Fay	Ten.
Wolfe, William Albert	Pa.	A.P. 1921, University of Texas	
Wolfe, William	Va.	Yelmon, Gordon Long	D.C.
B.S. 1921, University of Virginia		Yelmon, Rona Ray	D.C.
Wolfe, James Norman	N.Y.	Yelmon, Maudie Mary	Okla.
Wolfe, William	D.C.	A.B. 1922, Ohio State University	
Wolfe, Charles	China	Yelmon, Ruth Rose	Calif.
B.S. 1921, National Southwest Association		Yelmon, George Edward	Okla.
Wolfe, William	D.C.	Yelmon, Thomas William	R.I.
Wolfe, William Andrew	Va.	Yelmon, Harry George	D.C.
A.P. 1923, A.M. 1923, University of		Yelmon, Edward Stichter	Pa.
Wolfe, William	Ind.	Yelmon, Royal Lepp	D.C.
Wolfe, William	D.C.	Yelmon, Joseph Fenners	D.C.
Wolfe, William	D.C.	Yelmon, Cheryl Ann	D.C.
Wolfe, William	D.C.	Yelmon, Ralph Eugene, Jr.	D.C.
Wolfe, William	D.C.	B.S. 1928, Iowa State College	
Wolfe, William	D.C.	Yelmon, William Rens, Jr.	Pa.
Wolfe, William	D.C.	Yelmon, Orla Maxine	M.
Wolfe, William	D.C.	Yelmon, Lawrence Robert	D.C.
Wolfe, William	D.C.	Yelmon, Richard James	D.C.
Wolfe, William	D.C.	Yelmon, William Monroe, Jr.	D.C.

Yost, Charles Francis	D.C.	Yoursaw, Myron	Va.
Yost, William Adams	D.C.	Yowell, Earl Reddish	Va.
Youmans, James R.	Va.	Yu, Bo-Win	China
Younes, William Gabriel	D.C.	Yudkin, Alexander Morris	D.C.
Young, Barbara Lee	D.C.	Yudkowsky, Betty Harriet	D.C.
Young, Cheng-Pang	D.C.	Yule, Dorothy Catherine	N.Y.
A.B. 1936, National Tsing Hua University, China		Yurwitz, J. Peter	D.C.
A.M. 1946, The George Washington University		B.S. 1939, The George Washington University	N.Y.
Young, Clarence William	Md.	Yurman, Alvin	
Young, Clinton Volney	D.C.		Z
B.S.M.E. 1939, Kansas State College of Agriculture and Applied Science		Zabiegalski, Diane	Pa.
Young, David Bryan	Mo.	Zablocki, Charles John	D.C.
B.S. 1927, United States Naval Academy		Zachary, Richard Eugene	D.C.
Young, Donald Earl	Pa.	Zachary, Robert Yancey	Fla.
Young, Edward Everett, Jr.	D.C.	A.B. 1943, Georgetown University	
Young, Edward MacConnell	Pa.	Zachry, William Brown, Jr.	S.B. 1941, University of Florida
A.B. 1941, University of Pittsburgh		Zahropoulos, Constance	D.C.
Young, Evelyn Virginia	Pa.	Zagier, Helene DeBoey	Pa.
Young, Frederick Raymond	Md.	Zaid, Charles	
Young, George Ellis	D.C.	A.B. 1933, Temple University	D.C.
Young, Ina Marie	D.C.	Zaitorian, Aram	Va.
Young, Jack Martin	Ohio	Zander, Frederick George	D.C.
B.S. 1943, Case School of Applied Science		Zangrilla, Louis	D.C.
Young, James Thompson	N.H.	Zanner, Albert William	D.C.
A.B. 1946, University of New Hampshire		Zapol, Eugene Seba	D.C.
Young, Lehman Harvey	Va.	Zapple, Nicholas	N.C.
Young, John	China	Zapl, Thomas Lane	D.C.
A.B. 1942, Tokyo Imperial University, China		Zarracina, Allan Americus, Jr.	D.C.
Young, Lloyd L.	Md.	Zarilli, Kenneth Frederick	D.C.
A.B. 1935, Brigham Young University		Zasada, Arthur Stephen	D.C.
M.S. 1940, University of Denver		Zasada, Richard Conrad	Conn.
Young, Margaret Amy	S.D.	Zaskalicky, Julius J.	D.C.
B.S. 1942, Northern State Teachers College, S.D.		B.E. 1942, Yale University	D.C.
Young, Norma Elizabeth	D.C.	Zaslow, Dorothy Lee	D.C.
Young, Olive Emily	N.Y.	Zatz, Dorothy	D.C.
A.B. 1929, A.M. 1930, University of Rochester		Zawatsky, Murray Joseph	Paraguay
Young, Philip M.	Pa.	Zavas, Edison Vladimiro	Mass.
A.B. 1940, The George Washington University		Zeamer, Jean Catherine	Va.
Young, R. Herndon	Idaho	A.B. 1944, Wellesley College	D.C.
A.B. 1938, College of Idaho		Zeh, Billy Reid	D.C.
Young, Raymond George	Ohio	Zedner, Philip M.	D.C.
Young, Regina M.		Zessler, Joanna Elizabeth	Md.
B.S. 1929, Ohio State University		Zelbin, Abraham Jack	Va.
A.M. 1945, The George Washington University		B.S. 1939, New York University	D.C.
Young, Robert	D.C.	Zelkowitz, Sam	Pa.
Young, Robert Stanley	D.C.	Zellam, Thelma	P.R.
Young, Sallie Lemkin	Md.	Zembzowski, Bruno John	
B.S. 1943, Redford State Teachers College		Zeno, Luis Antonio	D.C.
Young, Virginia Gwathmey	N.Y.	A.B. 1945, University of Puerto Rico	
Young, William Alexander	Ala.	Zentgraf, Edward August	Va.
B.S. 1928, Alabama Polytechnic Institute		B.S. 1937, New York University	Md.
Young, William Karl, Jr.	Va.	Zertner, Charles Michael	D.C.
Youngberg, Arthur Peter	D.C.	Zetzler, Robert Stanley	
Youngdahl, Olga Eleanore	Minn.	Zevgolis, John	
Youngwirth, William George	N.Y.	A.B. 1942, B.S. 1944, Sir George Williams College, Canada	N.Y.
Yount, Frank W.	Va.	Zevin, Morris	D.C.
Yourman, Edwin H.	Okla.	A.B. 1934, Upsala College	
LL.B. 1917, LL.B. 1938, University of Oklahoma		Zevin, Sidney Hyman	
		B.S. 1939, Wilson Teachers College	D.C.
		A.M. 1946, University of Michigan	D.C.
		Zeydel, Jeanne Randolph	D.C.
		Zichterman, Harry William	Mich.
		Zickert, Eleanor R.	N.J.
		Ziebler, Herman Joseph	Va.
		Ziebler, Norman Gene	Wis.
		Ziehl, Wilbur Henry	Ill.
		Zielin, Dorothy Wanda	

Ziglar, Allan Vanllie	D.C.	Zitomer, Joseph	D.C.
Zigouras, Magdalene	Mass.	Zlotnick, Jack	N.Y.
Zilch, Helen Josephina	Md.	B.S. 1940, New York University	
Zimberg, Sylvia	D.C.	Zoll, Nathan Hyman	Mass.
Zimmer, Arthur Robert	D.C.	Zorn, Otto Godfrey	N.Y.
Zimmer, David Joseph	D.C.	Zorzy, John	Mass.
Zimmerman, Harry Chalfant	D.C.	Zoule, Ephraim	D.C.
Zimmerman, William III	D.C.	B.S. 1920, United States Coast Guard Academy	
Zindler, Mildred	Fla.	Zuck, Joshua	D.C.
A.B. 1945, Florida State College for Women		Zucker, Harold Scheff	D.C.
Zinn, Myron Bernard	D.C.	Zucker, Morton David	N.Y.
Zinner, Paul Ernest	D.C.	Zuckerman, Irving	D.C.
B.S. 1943, Tufts College		Zuckerman, Martin Jay	N.J.
Zipin, Pearl	Ohio	Zugel, Mary Jean Edna	D.C.
Zipszer, Paul Cornelius	N.Y.	Zunk, Eugene Arthur	Wis.
Zirkind, Ralph	Va.	A.B. 1947, Ripon College	
B.S. 1940, College of the City of New York		Zurad, Bruno Hyacinth	Ill.
M.S. 1946, Illinois Institute of Technology		Zusman, Herbert Louis	D.C.
Zitani, Alfred Maria	D.C.	Zweibel, Sidney A.	N.Y.
		Zysk, John Joseph	D.C.

POSTGRADUATE MEDICAL STUDENTS, 1946-47

A		Billingsley, William K.	D.C.
Adams, Ralston H.	D.C.	M.D. 1939, The George Washington University	
M.D. 1943, The George Washington University		Blinn, John C.	Ohio
Alamprese, Donato J.	Pa.	M.D. 1936, Ohio State University	
M.D. 1937, Temple University		Blum, Joseph S.	Md.
Alexander, Albert D.	Va.	M.D. 1930, University of Maryland	
M.D. 1935, Medical College of Virginia		Boulard, Thomas G.	D.C.
Alpert, Seymour	D.C.	M.D. 1944, College of Medical Evangelists	
M.D. 1943, Long Island Medical School		Boyd, Walter M.	D.C.
Altman, Harry E.	D.C.	Bracher, Allan N.	D.C.
M.D. 1940, University of Toronto		M.D. 1933, University of Oregon	
Ambury, James F.	D.C.	Brady, John B.	Md.
M.D. 1941, Georgetown University		M.D. 1941, Georgetown University	
Arnett, Thomas M.	D.C.	Brall, Cleo A.	D.C.
M.D. 1931, University of Maryland		Braun, Frederico E.	Brazil
Atlee, William A.	Pa.	M.D. Faculdade de Medicina de Porto Alegre	
M.D. 1941, University of Pennsylvania		Brennan, John F., Jr.	D.C.
		M.D. 1941, Georgetown University	
		Breslow, Samuel	N.J.
		M.D. 1931, The George Washington University	
B		Brick, Harry	Va.
Bailey, Pearce	D.C.	M.D. 1936, University of Leipzig	
M.D. 1941, Medical College of South Carolina		Brown, Charles W.	N.C.
Bailey, William O., Jr.	D.C.	M.D. 1941, Georgetown University	
M.D. 1940, The George Washington University		Brown, Clarence R.	D.C.
Bates, Harry C., Jr.	D.C.	Brown, Edith Petrie	Ohio
M.D. 1943, The George Washington University		M.D. 1927, The George Washington University	
Bauda, Charles A.	N.Y.	Brown, Martin V.	Md.
M.D. 1942, University of Buffalo		M.D. 1930, University of Illinois	
Bauer, Frank L.	D.C.	Bruc, Peter Paul	D.C.
M.D. 1939, University of Iowa		M.D. 1935, Georgetown University	
Benjamin, Durand	Mo.	Burkhardt, Hans E.	D.C.
M.D. 1931, St. Louis University		M.D. 1941, Temple University	
Berman, Sherwood	Pa.	Burney, Thomas Edward	Md.
M.D. 1940, University of Pennsylvania		M.D. 1943, Western Reserve University	
Berry, Neil	D.C.	Butler, Henry Lee	Va.
M.D. 1945, The George Washington University		M.D. 1934, The George Washington University	
Betlejeski, Z. John	D.C.	Butler, James Bell	N.J.
M.D. 1943, Long Island College of Medicine		M.D. 1931, Hahnemann Medical College	

C			
Cambest, Michael A.	Pa.	De Castro, Socorro G.	P.I.
M.D. 1938, Hahnemann Medical College		M.D., University of Sto. Tomas	Ga.
Campbell, Daniel C.	D.C.	De Freese, Samuel J.	Md.
M.D. 1943, University of Tennessee		M.D. 1940, Emory University	
Campbell, Donald	D.C.	Delgrego, Arthur L.	
M.D. 1940, Cornell University		M.D. 1930, The George Washington University	Ill.
Cardwell, Willard	N.C.	Delicate, William E.	D.C.
M.D. 1932, Medical College of Virginia		M.D. 1929, Jefferson Medical School	
Caprio, Frank S.	D.C.	Denslow, Joseph C.	D.C.
M.D. 1931, The George Washington University		M.D. 1941, Cornell University	D.C.
Carrozzo, Nunzio J.	Md.	Derick, William S.	
M.D. 1936, Long Island Medical College		M.D. 1942, The George Washington University	Brazil
Caudill, Boyd	Ky.	de Souza, Antonio Alexandre	
M.D. 1932, University of Louisville		M.D. 1945, Faculdade de Medicina de Bahia	Mich.
Chapman, Ervin	D.C.	Deuby, Owen J.	
M.D. 1942, The George Washington University		M.D. 1939, Wayne University	D.C.
Clark, Hugh G.	D.C.	DeVan, William T.	
M.D. 1934, University of Texas		M.D. 1937, University of Pennsylvania	D.C.
Clutz, Paul A.	Pa.	Dimmick, Iven C., Jr.	D.C.
M.D. 1932, University of Pennsylvania		M.D. 1939, University of Minnesota	
Coale, Robert N.	D.C.	Dobbs, Frederick H.	Mich.
Coffey, John H.	D.C.	M.D. 1935, Rush Medical College	
M.D. 1941, Tufts College		Doerr, Louis E., Jr.	D.C.
Cohen, Herman	Pa.	M.D. 1938, University of Michigan	
M.D. 1945, University of Pennsylvania		Dominick, John F.	N.Y.
Coleman, Allan B.	D.C.	M.D. 1936, The George Washington University	
M.D. 1943, The George Washington University		Donnelly, George H.	Ill.
Collins, Richard	D.C.	M.D. 1938, University of Buffalo	
M.D., The George Washington University		Donosky, James T.	D.C.
Combs, Ballard F.	Ky.	M.D. 1941, University of Illinois	D.C.
M.D. 1934, University of Cincinnati		Dove, Samuel	
Conybeare, Robert C.	Mich.	Dugan, Thomas J.	
M.D. 1931, University of Michigan		M.D. 1916, The George Washington University	
Cook, Ambrose H.	D.C.	E	
M.D. 1927, Georgetown University		Engle, Paul R.	D.C.
Cook, Walter R.	D.C.	M.D. 1940, University of Michigan	
M.D., University of Cincinnati		Erkenbeck, Vernon J.	D.C.
Cooper, Robert U.	D.C.	M.D. 1929, College of Medical Evangelists	N.Y.
M.D. 1925, University of Michigan		Esposito, John A.	D.C.
Cornwell, A. M.	N.C.	M.D. 1937, New York Medical College	
M.D. 1927, The George Washington University		Ewan, John R.	
Covalesky, Victor John	Pa.	M.D. 1937, Jefferson Medical College	
M.D. 1936, Hahnemann Medical College		F	
Creer, J. Roscoe	D.C.	Faith, Ira Lester	D.C.
Crilley, Francis J., Jr.	D.C.	M.D. 1944, Indiana University	
M.D. 1943, The George Washington University		Farley, Ous R.	D.C.
Cronkite, Eugene P.	Md.	M.D. 1940, Rush Medical School	Brazil
M.D. 1940, Stanford University		Fava, Joao Netto	
Curran, Louis F.	Calif.	M.D. 1936, University of Brazil	N.J.
M.D. 1943, Loyola University		Fenster, Morton N.	D.C.
D		M.D. 1929, New York Medical College	
Daley, Edmund F.	D.C.	Fenton, John E.	Md.
M.D. 1937, Georgetown University		M.D. 1941, Yale University	
Danish, Jacob M.	D.C.	Ferrell, Lee F.	Conn.
M.D. 1940, The George Washington University		M.D. 1939, University of Tennessee	
Daughtry, DeWitt C.	Va.	Ferris, John Charles	D.C.
M.D. 1939, Medical College of Virginia		M.D. 1940, Laval University	
De Blase, Joseph Albert	N.Y.	Finigan, Eugene F.	Pa.
M.D. 1938, St. Louis University		M.D. 1940, Georgetown University	
		Fliegelman, Emanuel	D.C.
		M.D. 1943, Kansas Medical School	
		Foley, John Dyer	
		M.D. 1929, Georgetown University	

Forcione, Eugene M.D. 1922, University of Rome	Md.	Hartman, Clarence M.D. 1930, The George Washington University	D.C.
Fox, William M. M.D. 1934, Medical College of South Carolina	D.C.	Hartsock, Frederick B. M.D. 1945, The George Washington University	D.C.
Friedman, Adolph A. M.D. 1943, Jefferson Medical College	D.C.	Havens, Frederick M. M.D. 1933, University of Buffalo	N.Y.
Friedman, Joseph M. M.D. 1910, The George Washington University	Md.	Hester, Eugene G. M.D. 1908, University of Louisville	Md.
Fulcher, Oscar Hugh M.D. 1926, University of Virginia	D.C.	Higgins, Gustave A. M.D. 1942, Harvard University	D.C.
Furat, John N. M.D. 1918, University of Minnesota	D.C.	Hine, Charles H. M.D. 1943, University of Wisconsin	Md.
Fusfeld, Cecile L.	D.C.	Hladky, Frank J. M.D. 1946, University of Oklahoma	Conn.
G			
Gage, E. Lyle M.D. 1928, University of Pennsylvania	Va.	Hodges, David J. M.D. 1930, The George Washington University	D.C.
Garby, Rodes Carl M.D. 1943, The George Washington University	D.C.	Hodges, James Cleveland M.D. 1944, University of Arkansas	D.C.
Gardner, H. L., Jr. M.D. 1940, University of Virginia	Va.	Hodges, W. Royce M.D. 1931, Jefferson Medical School	Md.
Gary, Edward T. M.D. 1915, The George Washington University	D.C.	Hoeck, Leroy F. M.D. 1937, University of Iowa	D.C.
Geyer, Harry M., Jr. M.D. 1930, University of Pittsburgh	D.C.	Hooker, Charles B. M.D. 1939, University of Maryland	D.C.
Gibson, Horace C. M.D. 1935, University of Pennsylvania	Md.	Horstman, Harry A., Jr. M.D. 1942, Georgetown University	D.C.
Gila, Herman A. M.D. 1924, University of Pennsylvania	Pa.	Hughes, Charles R. M.D. 1939, The George Washington University	D.C.
Gilliland, Norman A. M.D. 1942, The George Washington University	Va.	Hulbert, Harold F. M.D. 1926, University of Buffalo	N.Y.
Gilpert, James B. M.D. 1942, Tulane University	D.C.	Humphrey, Isaac M.D. 1926, Jefferson Medical School	Pa.
Gittly, Harold W. M.D. 1942, Temple University	D.C.	Huntington, Camp S. M.D. 1930, The George Washington University	Va.
Gordon, Wendell B. M.D. 1935, University of Pittsburgh	D.C.	Hyde, Anson R. M.D. 1942, The George Washington University	Va.
Gritler, Jacob M.D. 1942, Boston University	Pa.	I	
Govern, Frank W. M.D. 1943, Georgetown University	D.C.	Inguagiato, Gerard J. M.D. 1941, Georgetown University	D.C.
Graceffo, Frank A. M.D. 1943, Georgetown University	D.C.	Inwood, Eugene R. M.D. 1934, Indiana University	D.C.
Grav, George A. M.D., The George Washington University	Md.	J	
Greenbaum, Philip S. M.D. 1932, New York University	Ariz.	Jackson, Marshall D. M.D. 1944, University of Pittsburgh	D.C.
Gunn, Walter T. M.D. 1931, St. Louis University	Mo.	Jaffa, William M.D. 1930, Long Island College of Medicine	Pa.
Gunning, John Emmett M.D. 1945, The George Washington University	D.C.	Jaffe, Ewald M. M.D., University of Breslau	D.C.
H			
Hamilton, G. H. Ross M.D. 1910, University of Toronto	Canada	Jameson, William M.D. 1943, University of Virginia	D.C.
Hamilton, Robert B. M.D. 1943, Temple University	D.C.	Jana, Joseph T., Jr. M.D. 1940, Georgetown University	D.C.
Harris, Frank H. M.D. 1910, The George Washington University	Ohio	Jarman, Julian A. M.D. 1934, University of Georgia	Va.
Harris, Freeman C. M.D. 1930, University of Illinois	Va.	Jarvis, J. R. M.D. 1931, The George Washington University	D.C.
Harrison, Harold S. M.D. 1933, Creighton University	D.C.	Jensen, Jacob R. M.D. 1926, University of Maryland	W.Va.
		Johnsen, David S. M.D. 1944, The George Washington University	D.C.

Johnson, Catherine W. M.D. 1932, University of Minnesota	D.C.	Mangham, Charles A. M.D. 1942, University of Virginia	D.C.
Jones, Edward L. M.D. 1932, Temple University	Pa.	Manion, William C. M.D. 1943, Georgetown University	Wis.
Jones, Leslie M. M.D. 1917, University of Western Ontario	D.C.	Margoles, Milton M.D. 1937, Marquette University	La.
Jordan, Kenneth L. M.D. 1945, New York University	N.Y.	Mason, L. Keith M.D. 1933, Tulane University	N.C.
K			
Katzman, Howard M.D. 1933, Georgetown University	D.C.	Matthews, James H. M.D. 1941, Vanderbilt University	Va.
Kaufman, Joseph J. M.D. 1935, New York Medical College	N.Y.	Maxwell, Eleanor Beamer M.D. 1929, Columbia University	Md.
Kay, Alvin I. M.D. 1940, Georgetown University	D.C.	May, Robert Bertrand M.D. 1936, University of Iowa	D.C.
Keels, L. B. M.D. 1936, Medical College of the State of South Carolina	D.C.	McClintock, James K., Jr. M.D. 1939, University of Pennsylvania	Canada
Kehoe, Emmett L. Kelley, Charles B. M.D. 1909, New York University	N.J.	McCormick, C. Palmer M.D. 1935, University of Western Ontario	D.C.
Kelley, James Leo M.D. 1943, The George Washington University	D.C.	McCoy, Kenneth L. M.D. 1942, Temple University	Ala.
Kiley, Joseph L. M.D. 1931, Albany Medical College	N.Y.	McCullough, George Cates M.D. 1934, Tulane University	D.C.
L			
Lackay, Raleigh Howard M.D. 1938, Jefferson Medical College	D.C.	McDonald, Eugene C., Jr. M.D. 1941, University of Texas	Va.
Laing, Mabel C. Ch.B. 1935, New Zealand University	Md.	McDaniel, Frederick L. M.D. 1913, University of Maryland	D.C.
Leavitt, Benjamin M.D. 1929, Tufts College	Mass.	McFall, Voris F. M.D. 1939, University of Indiana	Maine
Lee, Hung Su-Hsien M.B. 1943, China National Kwei Yang	D.C.	McFarland, Edward A. M.D. 1941, The George Washington University	W.Va.
Lee, Ying-Han M.B. 1940, China National Kwei Yang	D.C.	McFarland, William Frank M.D. 1936, Medical College of Virginia	Wash.
Lempka, Arnold W. M.D. 1941, Creighton University	Nebr.	McIntyre, Donald M. M.D. 1943, University of Chicago	D.C.
Leone, Vincent David M.D. 1925, University of Buffalo	N.Y.	McKibben, Byron G. M.D. 1940, Cornell University	Md.
Levin, Isadore M.D. 1929, The George Washington University	D.C.	McMillan, C. H. M.D. 1927, Harvard University	Texas
Linares, Alfonso M.D. 1945, National University (Columbia)	Bolivia	McNeil, Melba M.D. 1944, Southwestern Medical College	D.C.
Locascio, Nicholas R. M.D. 1931, Georgetown University	N.Y.	Major, Edgar Mullins M.D. 1942, New York University	D.C.
Loftin, W. F. E. M.D. 1926, University of Maryland	Md.	Meade, Spencer V. M.D. 1930, The George Washington University	Pa.
Loftus, James M. M.D., Georgetown University	D.C.	Melnick, Arnold M.D. 1945, Jefferson Medical College	Ohio
Lowens, Harry M.D. 1913, Columbia University	D.C.	Mendelsohn, Sidney N. M.D. 1928, University of Louisiana	Md.
Lundgoot, Lars E. M.D. 1929, Loyola University	D.C.	Miller, Donald W. M.D. 1938, University of Nebraska	Md.
Lyons, James P. M.D. 1938, Georgetown University	D.C.	Miller, Jesse W. M.D. 1927, University of Nebraska	N.D.
M			
MacFarquhar, Murdina M. M.D. 1945, Temple University	D.C.	Minard, David M.D. 1943, University of Chicago	Ohio
Malcolm, William A. M.D. 1919, University of Illinois	Ill.	Morley, John D. M.D. 1933, Western Reserve University	Md.
Malpass, Bishop L. M.D. 1928, Harvard University	N.C.	Moyers, W. B. Murphy, Frank J. M.D. 1943, Georgetown University	D.C.
N			
		Newhouse, Lloyd R. M.D. 1924, Indiana University	Md.
		Nichol, William W. M.D. 1931, University of Indiana	D.C.
		Nicklin, Walter M.D., The George Washington University	Va.

Nye, C. L. M.D. 1916, Columbia University	Calif.	Robichaud, Aldoria M.D. 1933, University of Montreal	Canada
O		Rogers, John Stafford M.D. 1941, Rush Medical College	D.C.
O'Bryan, Francis J. M.D. 1933, Georgetown University	D.C.	Rohrbach, Austin B., Jr. M.D., The George Washington University	Md.
Oden, Philip W. M.D. 1934, Medical College of Virginia	Va.	Rose, Jerome V. M.D. 1945, The George Washington University	D.C.
O'Hanlan, Joseph T. M.D. 1944, Jefferson Medical College	D.C.	Rose, Leonard B. M.D. 1933, Georgetown University	D.C.
O'Keefe, James A. M.D. 1924, University of Virginia	D.C.	Rosenberg, George M.D. 1925, Boston University	Tenn.
Ottaviano, Felix M.D. 1934, Rome Medical College	N.Y.	Rosenberg, I. Charles M.D. 1916, The George Washington University	N.J.
Outland, Robert Boone M.D. 1932, University of Pennsylvania	N.C.	Rosenberg, Morris H. M.D. 1941, The George Washington University	D.C.
P		Roudebush, Marion E. M.D. 1936, Indiana University	Md.
Palmer, Eddy D. M.D. 1943, University of Rochester	D.C.	Rowe, John I. M.D. 1943, Georgetown University	D.C.
Parker, E. P. M.D. 1943, University of Virginia	D.C.	Roy, Robert L. M.D. 1944, Georgetown University	D.C.
Pasquon, Jean E. M.D. 1938, Georgetown University	D.C.	Roy, Wyatt E. M.D. 1931, Medical College of Virginia	Va.
Pasarelli, Arthur F. M.D. 1935, University of Texas	Md.	Rubnitz, Leon H. M.D. 1934, University of Wisconsin	D.C.
Passmore, G. G. M.D. 1943, Georgetown University	Va.	Rudd, James C. M.D., University of Tennessee	D.C.
Patouillet, Eugene A. M.D. 1943, Georgetown University	D.C.	Rutherford, Morrison	D.C.
Payne, Russell C. M.D. 1910, The George Washington University	Czech.	S	
Pelmar, Premysl M.D. 1937, Charles University (Prague)	Pa.	Saling, J. Staunton M.D. 1926, University of Pittsburgh	Pa.
Pezzuti, Hamil R. M.D. 1913, Jefferson Medical College	Md.	Sams, James E. M.D. 1937, Tulane University	D.C.
Phillips, Richard B. M.D., University of Edinburgh	D.C.	Sawan, Edward A. M.D. 1940, Georgetown University	D.C.
Pitcher, Arlo Leonard M.D. 1943, Queens University (Canada)	D.C.	Schall, Samuel M. M.D. 1942, Western Reserve University	D.C.
Powdermaker, Florence M.D. 1926, University of Chicago	D.C.	Scheuch, Charles D. M.D. 1944, The George Washington University	D.C.
Prather, Charles D. M.D., The George Washington University	Md.	Schoepflin, Adalthe J. Schreiber, John O.	D.C.
Prentiss, Roger G., Jr. M.D. 1928, University of Vermont	Ohio	Schultz, John M. M.D. 1915, Georgetown University	D.C.
Prior, John A. M.D. 1938, Ohio State University	D.C.	Segal, Abraham M.D. 1922, Columbia University	N.Y.
R		Sette, Alfred Joseph M.D. 1927, The George Washington University	Conn.
Rabkin, Boris M.D. 1943, The George Washington University	D.C.	Shahid, John N. M.D. 1941, American University of Beirut	D.C.
Radice, Julius J. M.D. 1915, The George Washington University	D.C.	Sheehan, George T. M.D. 1919, Tufts College	N.H.
Randall, Sanford J. M.D. 1942, New York University	D.C.	Sickler, Donald F. M.D. 1947, The George Washington University	Md.
Rapee, Lawrence A. M.D. 1910, The George Washington University	D.C.	Siewert, Vincent J. M.D. 1943, Cincinnati University	Va.
Reitman, James S. M.D. 1943, The George Washington University	Tenn.	Silber, Max M. M.D. 1943, University of Chicago	D.C.
Ries, William Henry M.D. 1934, Long Island College of Medicine		Sims, Arthur I. M.D. 1939, Jefferson Medical College	D.C.

Sion, Edward G. M.D. 1932, University of Pennsylvania	D.C.	Vivas, Joseph R. M.D., Medical College of Virginia	D.C.
Slatmyer, Karel R., Jr. M.D. 1943, University of Michigan	Va.	W	
Sloan, Fred R. M.D. 1937, Iowa University	D.C.	Waite, Merton T. M.D. 1940, University of Maryland	D.C.
Smith, Arthur B. R. M.D. 1932, University of Kansas	Kans.	Wallace, Clifton R. M.D. 1907, The George Washington University	D.C.
Smith, William T. M.D. 1938, University of Michigan	D.C.	Wallach, Gert Max Klaus M.D. 1937, University of Bern	Conn.
Solosko, Alexander M.D. 1912, Tufts College	Pa.	Walsh, James C., Jr. M.D. 1945, Georgetown University	D.C.
Sordill, Anthony M.D. 1939, University of Bologna	D.C.	Ward, George H. M.D. 1939, University of Pittsburgh	D.C.
Speer, Alma Jane M.D. 1930, The George Washington University	D.C.	Weaver, William J., Jr. Webb, G. A. C. M.D. 1937, Western Ontario University	D.C. Canada
Sroub, Wess E. M.D. 1924, Western Reserve University	Ohio	Webb, J. L. M.D. 1917, Hahnemann Medical College	Ohio
Steinberg, Herbert M.D. 1943, University of Kansas	Pa.	Weinberg, Theodore Seymour M.D. 1944, Hahnemann Medical College	Pa.
Steinman, Erwin M.D. 1932, The George Washington University	D.C.	Weingarten, Milton F. M.D. 1941, New York University	D.C.
Stelling, Frank H. M.D. 1938, University of Georgia	D.C.	Weisser, John R. M.D. 1929, Northwestern University	Va.
Stewart, David B. M.D. 1941, University of Manitoba	Canada	Weitzman, Charles C. M.D. 1922, Tulane University	N.Y.
Stone, Mark L. M.D. 1938, University of Illinois	D.C.	Weitzman, Harry S. M.D. 1931, The George Washington University	D.C.
Storer, William E. M.D. 1940, The George Washington University	Ohio	Welchons, George A. M.D. 1936, Medical College of Virginia	Va.
Stringfellow, Charles B. M.D. 1928, University of Virginia	Va.	Wells, James L. M.D. 1940, Medical College of the State of South Carolina	D.C.
Sugar, Samuel J. M.D. 1938, The George Washington University	Md.	Wentink, Elaine A. M.D. 1941, University of Minnesota	D.C.
Sullivan, Benjamin H., Jr. M.D. 1938, The George Washington University	D.C.	Wesner, Louis A. M.D. 1910, Hahnemann Medical College	Pa.
Sullivan, Edward J. M.D. 1945, Georgetown University	Md.	Weyand, James G. M. M.D. 1934, University of Pennsylvania	Pa.
Suttenfield, Daniel M.D. 1937, The George Washington University	D.C.	Wheeler, Charles A. M.D. 1935, Harvard University	Mass.
T		White, Major S. Whitworth, Fuller B. M.D. 1938, University of Maryland	D.C. Md.
Taylor, Ingram C. M.D. 1932, State University of Iowa	W.Va.	Willard, Eugene L. M.D. 1940, The George Washington University	Va.
Taylor, James S. M.D. 1930, University of Illinois	D.C.	Willner, Herman H. M.D. 1935, University of Vienna	N.Y.
Taylor, Lloyd W. M.D. 1941, University of Oklahoma	D.C.	Wolbert, Charles M. M.D. 1928, Johns Hopkins University	D.C.
Tempel, Carl W. M.D. 1929, St. Louis University	D.C.	Woodson, Charles E. M.D., Medical College of Virginia	D.C.
Thomas, George J. M.D. 1923, Ohio State University	Pa.	Worgan, David	
Turcotte, Vincent J. M.D. 1925, University of Michigan	Mich.	Y	
U		Yepez, Eduardo (de Constante) M.D., University of Santiago de Chile	Chile
Ulrich, P. H. M.D. 1929, Hahnemann Medical College	Pa.	Young, Joseph Rogers M.D. 1930, Georgetown University	D.C.
V		Yount, Florence B. M.D. 1934, The George Washington University	Ariz.
Velkoff, Cyril L. M.D. 1944, The George Washington University	D.C.		

Students Registered

479

Z

Zeller, William		Zukerman, Saul	D.C.
M.D. 1944, The George Washington University	D.C.	M.D. 1940, The George Washington University	
Zimmerman, Hyman J.		Zuska, Albert John	Va.
M.D. 1942, Stanford University	D.C.	M.D. 1942, University of Illinois	

SUMMARY OF REGISTRATION

SUMMER TERM 1946
FALL AND WINTER TERMS 1946-47

THE JUNIOR COLLEGE

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Freshmen	2,222	1,039	3,261
Sophomores	602	465	1,067
	<hr/> 2,824	<hr/> 1,504	<hr/> 4,328

COLUMBIAN COLLEGE

Juniors	161	202	363
Seniors	110	165	275
Candidates for the degree of Master of Arts.....	56	60	116
Candidates for the degree of Master of Science.....	66	25	91
	<hr/> 393	<hr/> 452	<hr/> 845

THE GRADUATE COUNCIL

Candidates for the degree of Doctor of Philosophy...	45	10	55
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THE SCHOOL OF MEDICINE

First Year	72	10	82
Second Year	64	8	72
Third Year	77	4	81
Fourth Year	74	5	79
	<hr/> 287	<hr/> 27	<hr/> 314

THE LAW SCHOOL

First Year	386	61	447
Second Year	293	38	331
Third Year	187	19	206
Candidates for the degree of Master of Laws.....	71	5	76
Unclassified	36	0	36
Special	4	0	4
	<hr/> 977	<hr/> 123	<hr/> 1,100

THE SCHOOL OF ENGINEERING

Freshmen	596	8	604
Sophomores	289	2	291
Juniors	48	2	50
Seniors	30	1	31
	<hr/> 963	<hr/> 13	<hr/> 976

Summary of Registration

481

THE SCHOOL OF PHARMACY

Juniors	9	2	11
Seniors	7	2	9
	<u>16</u>	<u>4</u>	<u>20</u>

THE SCHOOL OF EDUCATION

Juniors	12	76	88
Seniors	12	23	35
Candidates for the degree of Master of Arts.....	96	90	186
Candidates for the degree of Doctor of Education....	39	11	50
	<u>159</u>	<u>200</u>	<u>359</u>

THE SCHOOL OF GOVERNMENT

Juniors	86	52	138
Seniors	87	29	116
Candidates for the degree of Master of Arts.....	112	18	130
	<u>285</u>	<u>99</u>	<u>384</u>

THE DIVISION OF UNIVERSITY STUDENTS

University Students	2,270	1,486	3,756
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THE DIVISION OF SPECIAL STUDENTS

Special Students	2,398	366	2,764
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SECRETARIAL ADMINISTRATION

Candidates for the degree of Bachelor of Science in Secretarial Administration	0	10	10
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GRADUATE AND POSTGRADUATE INSTRUCTION IN MEDICINE *

Graduate and Postgraduate Students.....	330	13	343
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SUMMARY

Total registration, Academic Year 1946-47.....	16,645	6,277	22,922
Students registered, Summer Term 1946.....	5,774	2,022	7,796
Total registration, 1946-47	22,419	8,299	30,718
Duplicate registrations	11,802	4,005	15,807
Total number of students registered, Summer Term 1946, Fall and Winter Terms 1946-47.....	10,617	4,294	14,911

*Students registered for graduate and postgraduate instruction in medicine are not included in the summary of registration.

TEACHING STAFF

Professors Emeritus	23
Professors	72
Adjunct Professors	13
Professorial Lecturers	54
Clinical Professors	23
Adjunct Clinical Professors	7
Associate Professors	4
Associate Clinical Professors	6
Associates in School of Medicine	42
Assistant Professors	4
Assistant Clinical Professors	19
Lecturers	92
Instructors	44
Clinical Instructors	82
Research Associates	6
Associates	138
Fellows	3
Assistants	21
Total	752

DEGREES CONFERRED

OCTOBER 15, 1946; FEBRUARY 22, 1947; MAY 28, 1947

Associate in Arts	667
Bachelor of Arts	237
Bachelor of Arts in Education	19
Bachelor of Arts in Government	80
Bachelor of Civil Engineering	6
Bachelor of Electrical Engineering	1
Bachelor of Laws	70
Bachelor of Mechanical Engineering	5
Bachelor of Science	28
Bachelor of Science in Engineering	4
Bachelor of Science in Home Economics	5
Bachelor of Science in Pharmacy	9
Bachelor of Science in Physical Education	11
Bachelor of Science in Secretarial Administration	5
Doctor of Education	3
Doctor of Laws (Honorary)	1
Doctor of Medicine	79
Doctor of Philosophy	4
Juris Doctor	8
Master of Arts	25
Master of Arts in Education	48
Master of Arts in Government	19
Master of Laws	11
Master of Science	5

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

UNITED STATES, TERRITORIES, AND POSSESSIONS

Alabama	75	New Hampshire	30
Arizona	20	New Jersey	233
Arkansas	47	New Mexico	20
California	157	New York	916
Colorado	43	North Carolina	118
Connecticut	122	North Dakota	20
Delaware	22	Ohio	232
District of Columbia	6,350	Oklahoma	76
Florida	115	Oregon	30
Georgia	84	Pennsylvania	582
Idaho	29	Rhode Island	29
Illinois	237	South Carolina	53
Indiana	82	South Dakota	28
Iowa	109	Tennessee	87
Kansas	67	Texas	165
Kentucky	72	Utah	40
Louisiana	24	Vermont	14
Maine	53	Virginia	2,120
Maryland	1,130	Washington	49
Massachusetts	244	West Virginia	137
Michigan	99	Wisconsin	92
Minnesota	96	Wyoming	16
Mississippi	52	Alaska	3
Missouri	110	Canal Zone	1
Montana	34	Hawaii	9
Nebraska	67	Puerto Rico	27
Nevada	18	Virgin Islands	1

FOREIGN COUNTRIES

Afghanistan	1	Iceland	1
Australia	1	India	3
Bahamas	1	Iran	3
Belgium	2	Iraq	1
Brazil	5	Italy	4
British West Indies	2	Mexico	2
Burma	1	Nicaragua	1
Canada	9	Norway	3
Chile	2	Panama	1
China	14	Paraguay	7
Cuba	2	Phillipines	1
Czechoslovakia	1	Poland	1
Denmark	2	Rumania	1
Egypt	3	Russia	2
El Salvador	1	Siam	1
England	3	Sweden	4
Finland	1	Syria	1
Greece	2	Turkey	3
Guatemala	1	Venezuela	

CURRENT OPERATING EXPENSE / Continued

THE
GEORGE
WASHINGTON
UNIVERSITY

BULLETIN

FIELDS OF RESEARCH

THE GRADUATE COUNCIL
1947-48



WASHINGTON, D. C.
JULY 1947

European: Nationalism. *Directed by* ELMER LOUIS KAYSER, Professor of European History.

United States: (1) Social; (2) Economic. *Directed by* WOOD GRAY, Professor of American History.

United States: (1) Diplomatic; (2) Political. *Directed by* HOWARD MAXWELL MERRIMAN, Professor of American Diplomatic History.

Latin American: (1) Spanish and Portuguese Colonies in America; (2) Nineteenth and Twentieth Century History; (3) Inter-American Relations. *Directed by* ALVA CURTIS WILGUS, Professor of Latin American History.

LAW

Trade Regulation: Trade Practices and Anti-Trust Laws. *Directed by* SAUL CHESTERFIELD OPPENHEIM, Professor of Law.

Jurisprudence. *Directed by* CHARLES SAGER COLLIER, Professor of Law.

LITERATURES AND LANGUAGES

English: (1) Sixteenth Century Drama; (2) Seventeenth Century Drama. *Directed by* FRED SALISBURY TUPPER, Professor of English.

English: Eighteenth Century Drama. *Directed by* GEORGE WINCHESTER STONE, JR., Professor of English.

American: Literary Nationalism. *Directed by* ROBERT WHITNEY BOLWELL, Professor of American Literature.

German: (1) Germanic Philology; (2) Comparative Philology. *Directed by* EDWARD HENRY SEHRT, Professor of German.

Romance: (1) Romance Linguistics; (2) Old and Middle French; (3) Old Spanish. *Directed by* HENRY GRATTAN DOYLE, Professor of Romance Languages.

Romance: Modern Spanish Literature. *Directed by* ANTONIO ALONSO, Associate Professor of Spanish.

Romance: Latin American Literature. *Directed by* ALBERTO VÁZQUEZ, Lecturer on Spanish American Literature; Chief, North and West Coast Branch American Republic Area Division, United States Department of State.

Romance: French Literature. To be arranged.

MATHEMATICS

Algebra: Finite Groups. *Directed by* FRANCIS EDGAR JOHNSTON, Professor of Mathematics.

Geometry: Differential Geometry. *Directed by* JAMES HENRY TAYLOR, Professor of Mathematics.

Analysis: Infinite Series. *Directed by* FLORENCE MARIE MEARS, Professor of Mathematics.

PHARMACOLOGY

(1) Chemotherapy; (2) Drug Metabolism. *Directed by* PAUL KENNETH SMITH, Professor of Pharmacology.

PHYSICS

Experimental: Electronics. *Directed by* THOMAS BENJAMIN BROWN, Professor of Physics.

Theoretical: (1) Relativity; (2) Nuclear; (3) Astrophysics. *Directed by* GEORGE ANTONY GAMOW, Professor of Theoretical Physics.

Theoretical: The Solid State. *Directed by* RAYMOND JOHN SEEGER, Professorial Lecturer in Physics; Chief, Mechanics Division, Naval Ordnance Laboratory.

PHYSIOLOGY

(1) Nutrition and Endocrines; (2) Cardiovascular System. *Directed by* ERRETT CYRIL ALBRITTON, Professor of Physiology.

(1) Blood Pressure Studies; (2) Neuro-Muscular Studies.
Directed by CHESTER ELWOOD LEESE, Associate Professor of Physiology.

Environmental Human Physiology. *Directed by* ALBERT RICHARD BEHNKE, Captain, Medical Corps, United States Navy; Research Executive, Naval Medical Research Institute.

POLITICAL SCIENCE

United States: Legislative Process. *Directed by* WARREN REED WEST, Professor of Political Science.

International: (1) International Politics and Organization; (2) Far East. *Directed by* WILLIAM CRANE JOHNSTONE, JR., Professor of Political Science.

International Law: (1) War and Neutrality; (2) Arbitration.
Directed by JOHN WITHROW BREWER, Professor of International Law.

Public Administration: Governmental Organization. To be arranged.

PSYCHIATRY

(M.D. degree required for admission.) *Directed by* WINFRED OVERHOLSER, Professor of Psychiatry.

PSYCHOLOGY

Personnel Psychology. *Directed by* MITCHELL DREESE, Professor of Educational Psychology.

Psychological Measurements. *Directed by* THELMA HUNT, Professor of Psychology.

STATISTICS

(1) Theoretical: Probability and Sampling; (2) Applied: Econometrics. *Directed by* FRANK MARK WEIDA, Professor of Statistics.

ZOOLOGY

Invertebrate: Morphology and Embryology. *Directed by*
DONNELL BROOKS YOUNG, Professor of Zoology.

Invertebrate: Molluscan Morphology and Physiology. *Di-*
rected by PAUL SIMON GALTSOFF, Senior Biologist, Fish and
Wildlife Service, United States Department of the Interior.

Parasitology: Parasitic Protozoa. *Directed by* WILLARD
HULL WRIGHT, Professorial Lecturer on Medical Zoology; Sci-
entist Director, United States Public Health Service, and Chief,
Zoology Laboratory, National Institute of Health.

THE GEORGE WASHINGTON UNIVERSITY
1821

The Junior College
1930

Columbian College (the Senior College)
1821

The Graduate Council
1893

The School of Medicine
1825

The Law School
1865

The School of Engineering
1885

The School of Pharmacy
1906

The School of Education
1907

The School of Government
1928

The Division of University Students
1930

The Division of Special Students
1944

The Summer Sessions
1916

The University Hospital
1898

